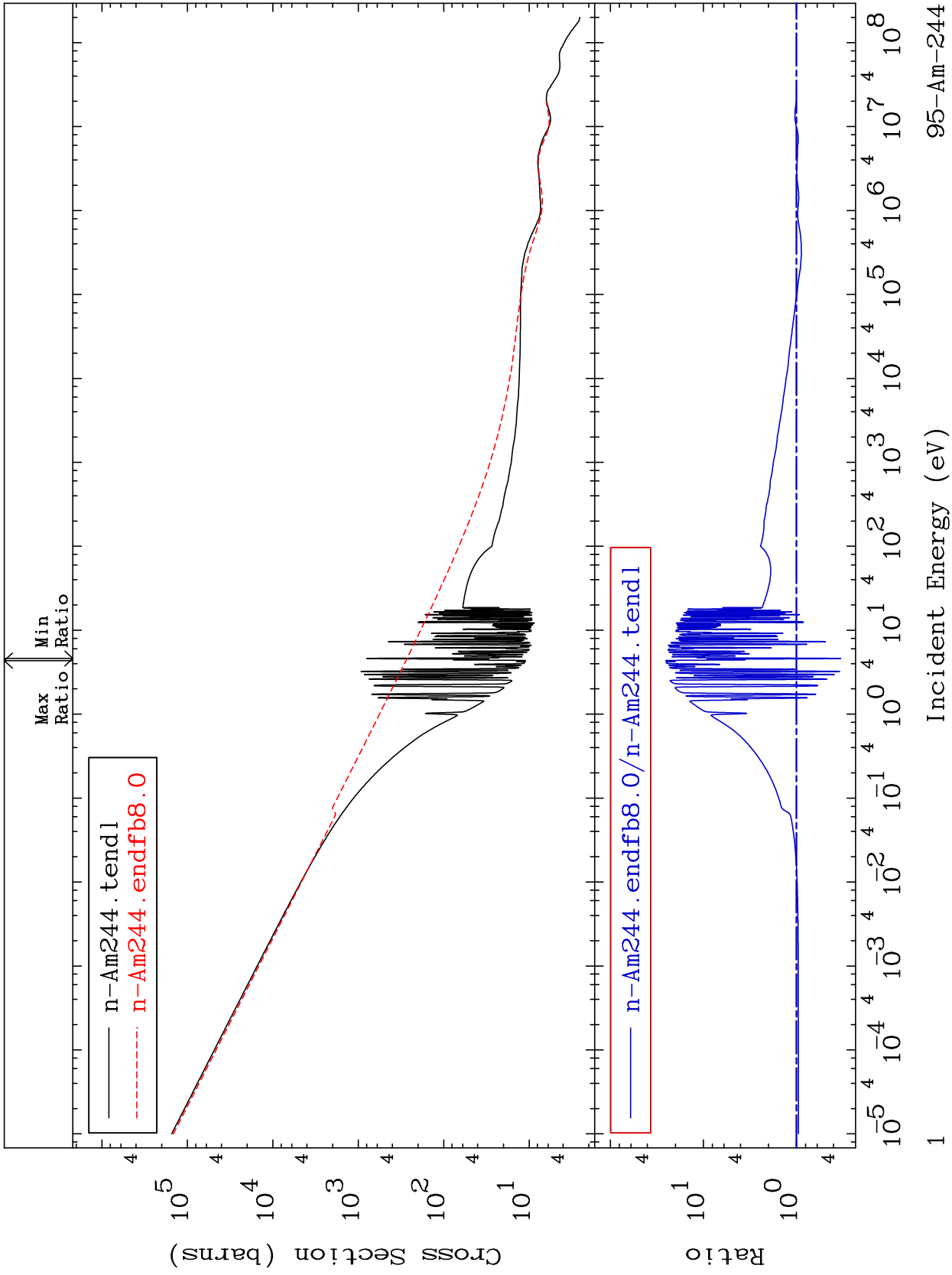


MAT 9552

Total Cross Section
95-Am-244
-66.49 To 2454. %

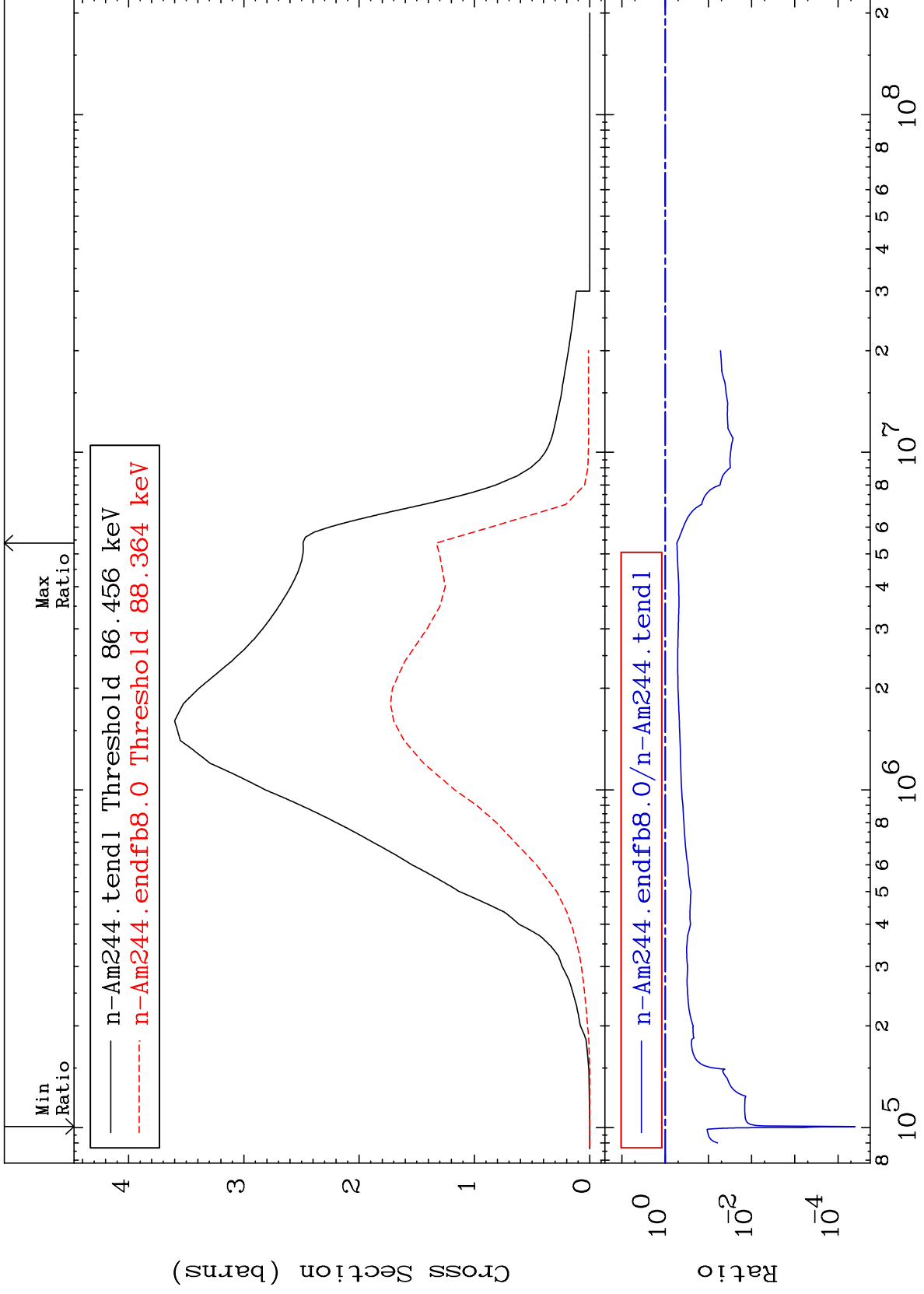


95-Am-244

MAT 9552

Inelastic
Cross Section

95-Am-244
-100.0 To -46.48%

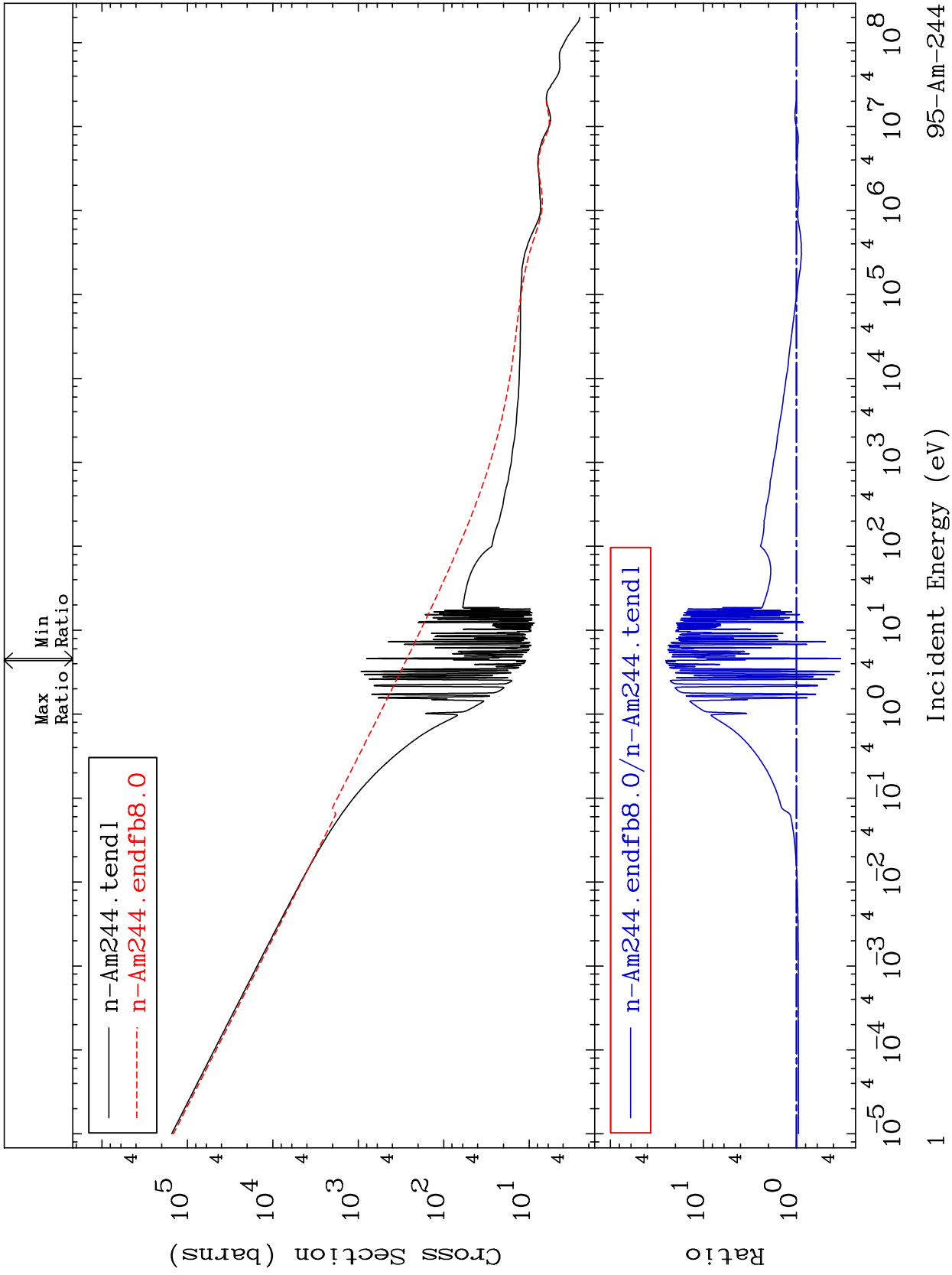


Incident Energy (eV)

95-Am-244

MAT 9552

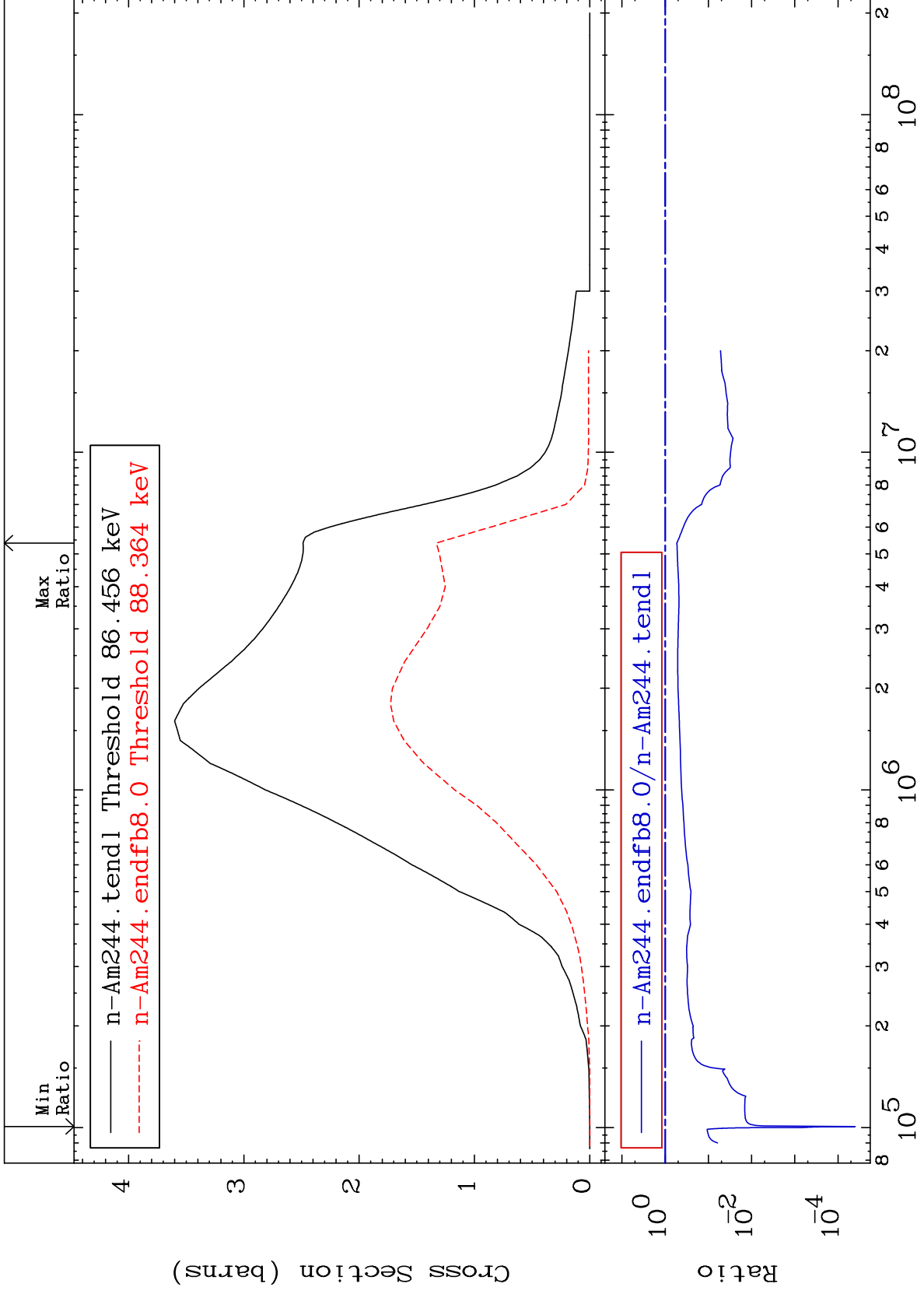
Total Cross Section
95-Am-244
-66.49 To 2454. %



95-Am-244

MAT 9552

Inelastic Cross Section
95-Am-244
-100.0 To -46.48%



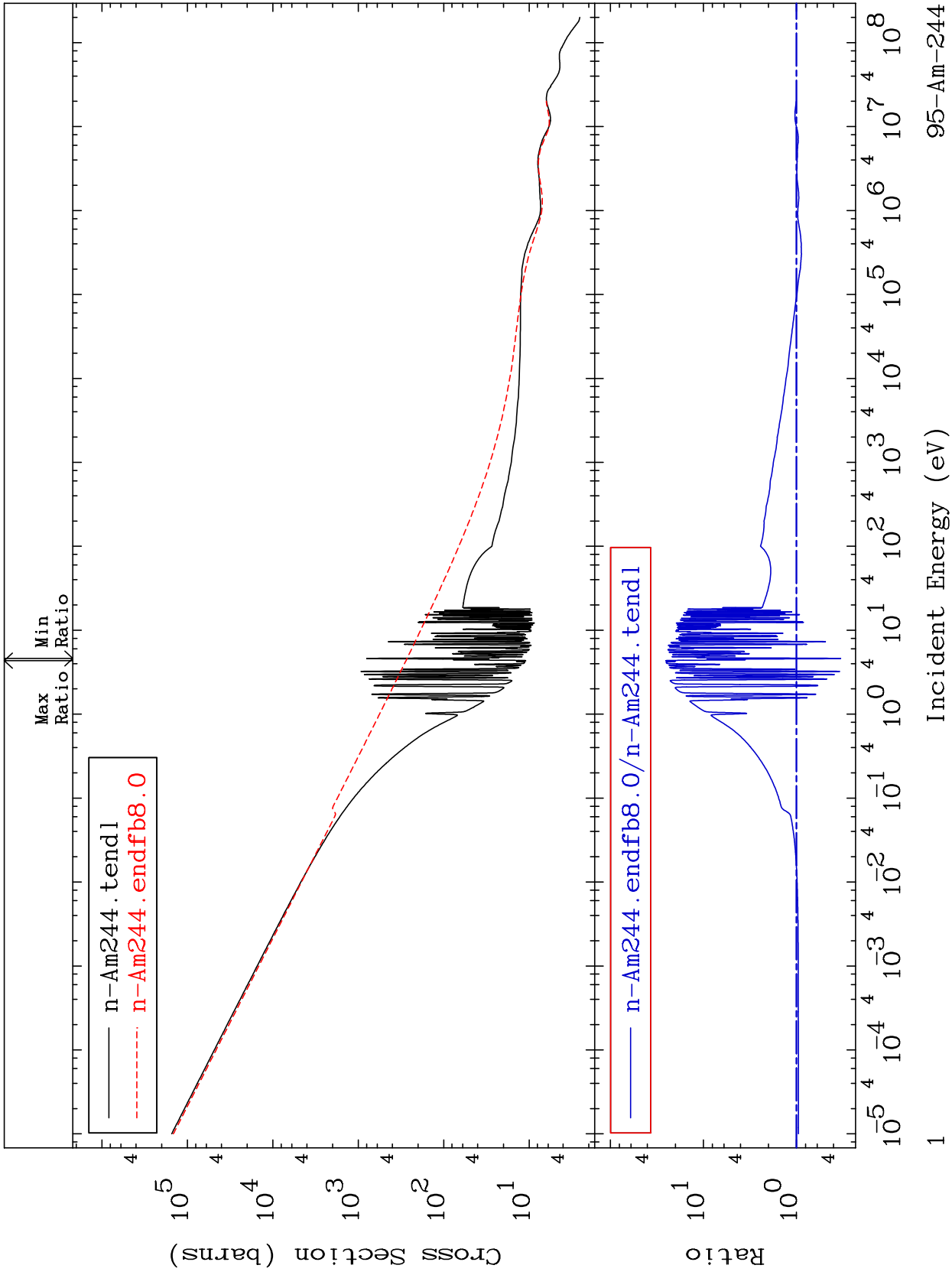
95-Am-244

Incident Energy (eV)

3

MAT 9552

Total Cross Section
95-Am-244
-66.49 To 2454. %



95-Am-244

Incident Energy (eV)

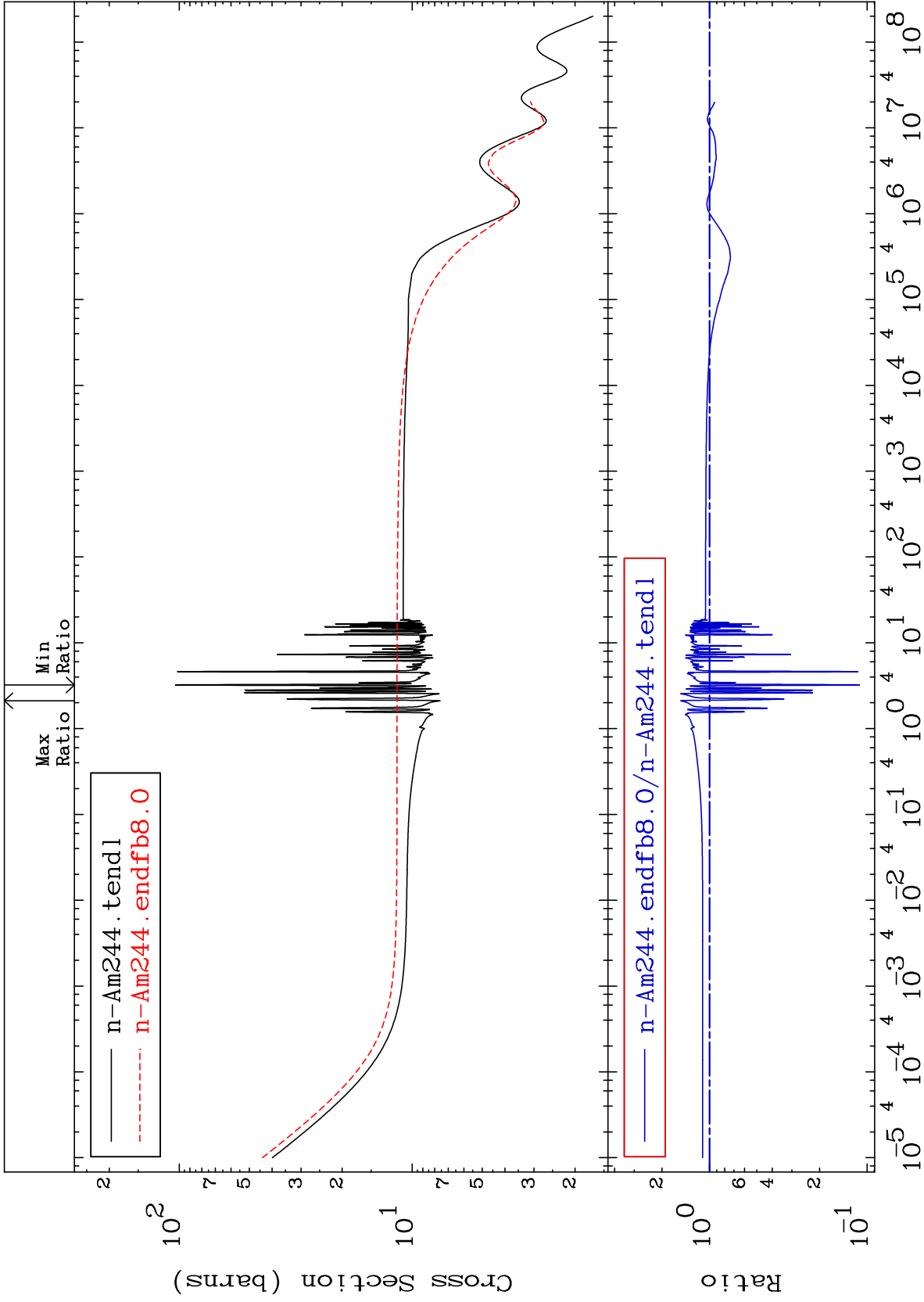
MAT 9552

Elastic

95-Am-244

Cross Section

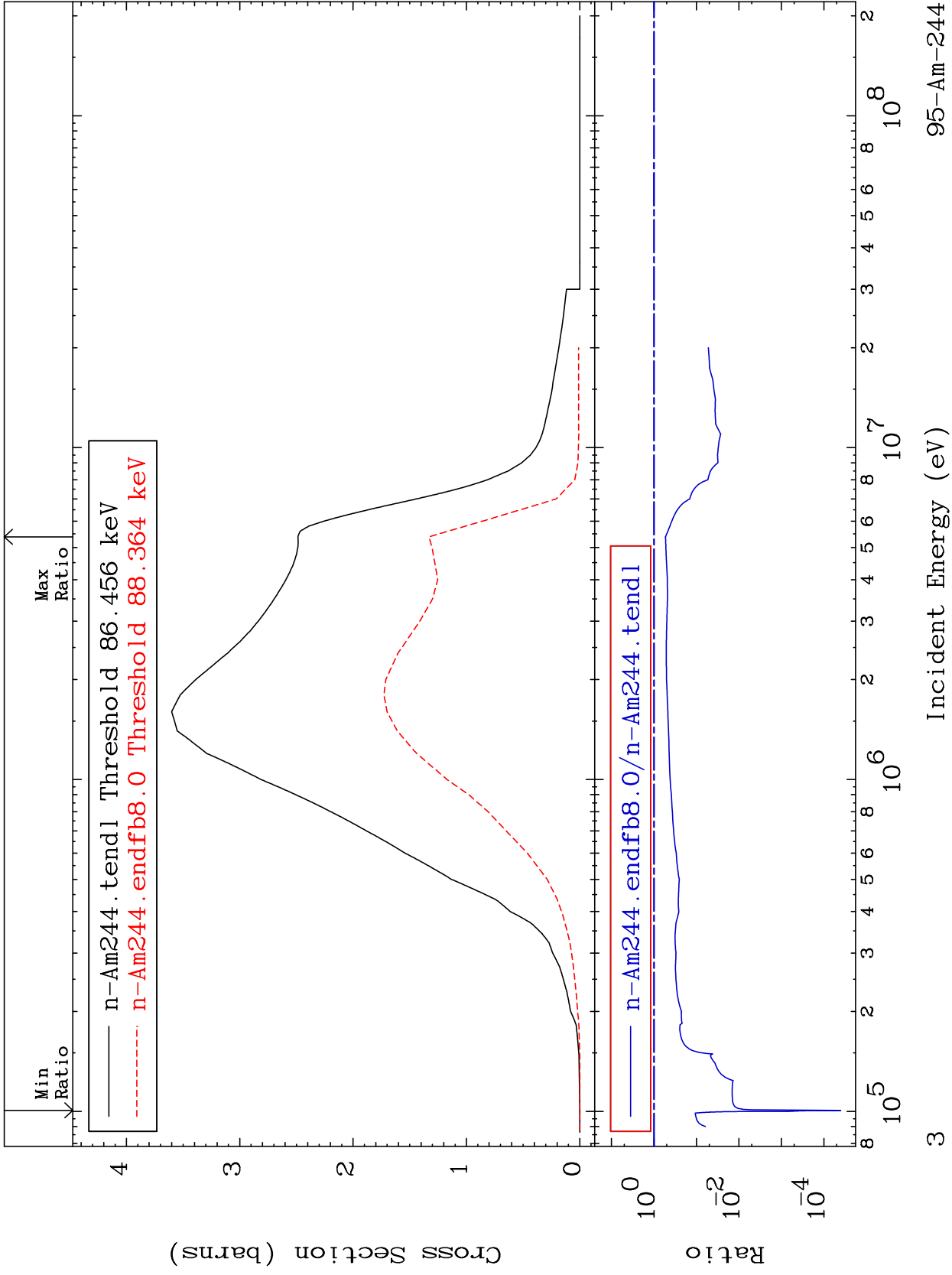
-88.81 To 53.06 %



95-Am-244

MAT 9552

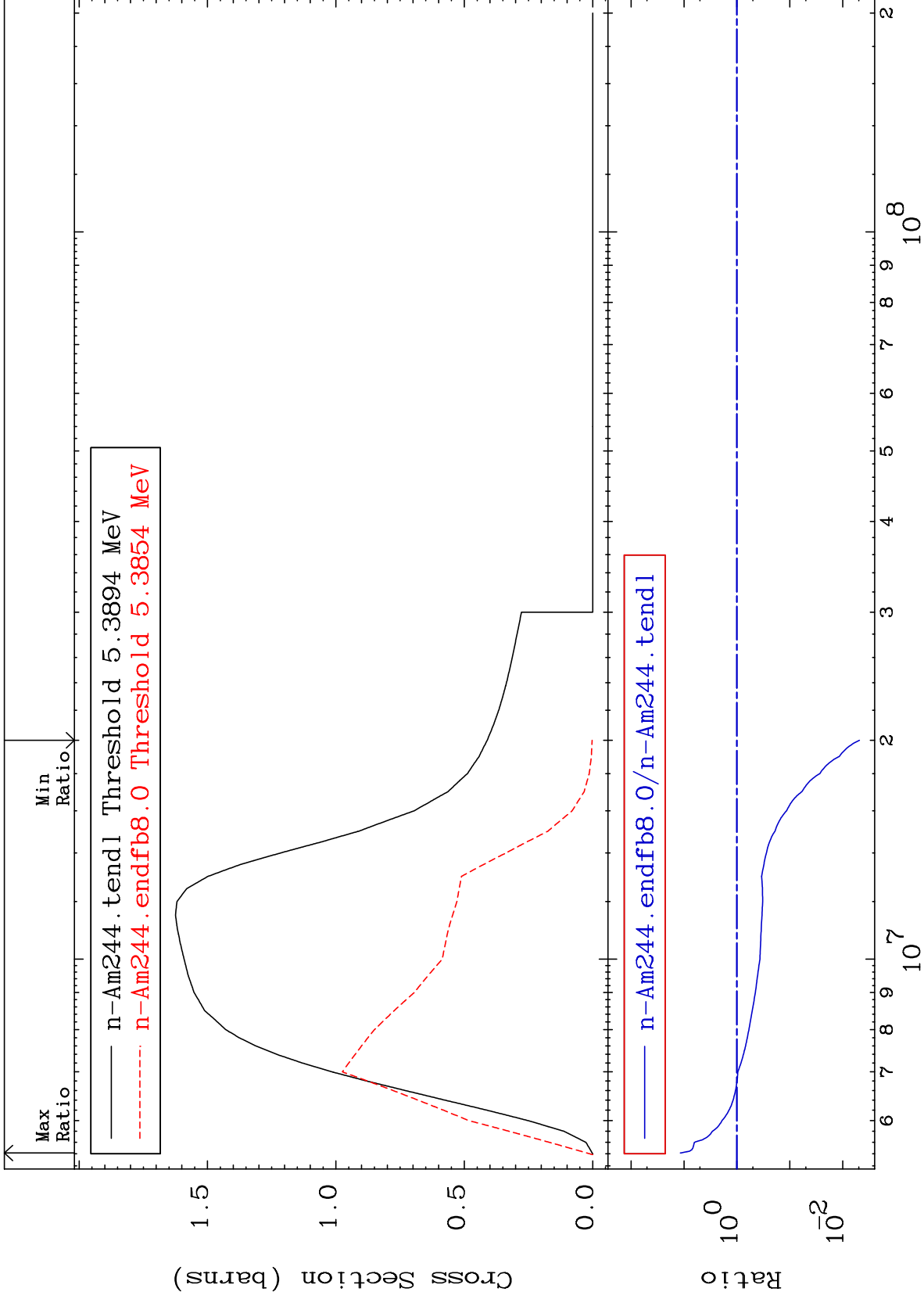
Inelastic Cross Section
95-Am-244
-100.0 To -46.48%



MAT 9552

(n,2n)
Cross Section

95-Am-244
-99.52 To 1071. %



4

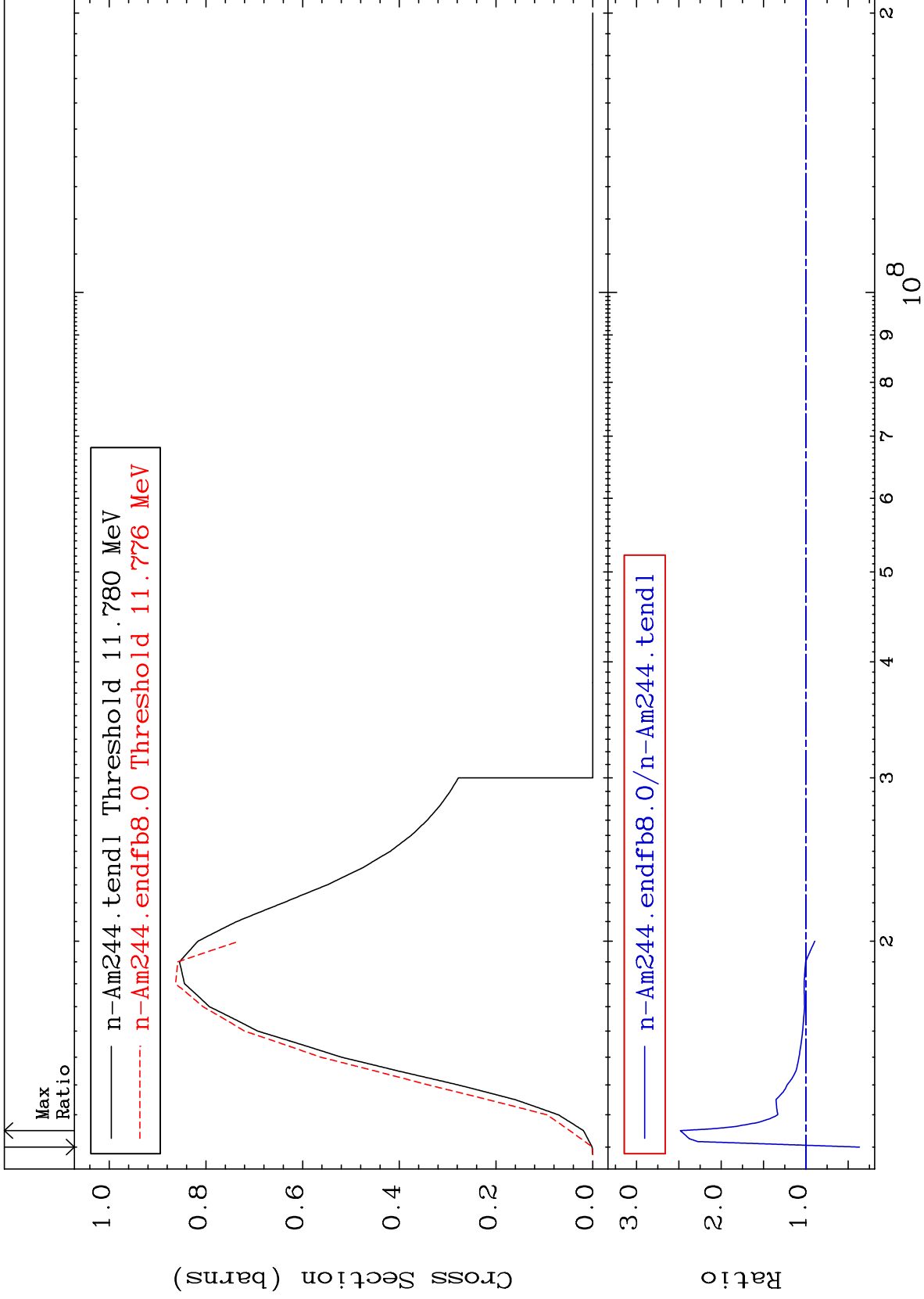
Incident Energy (eV)

95-Am-244

MAT 9552

(n,3n)
Cross Section

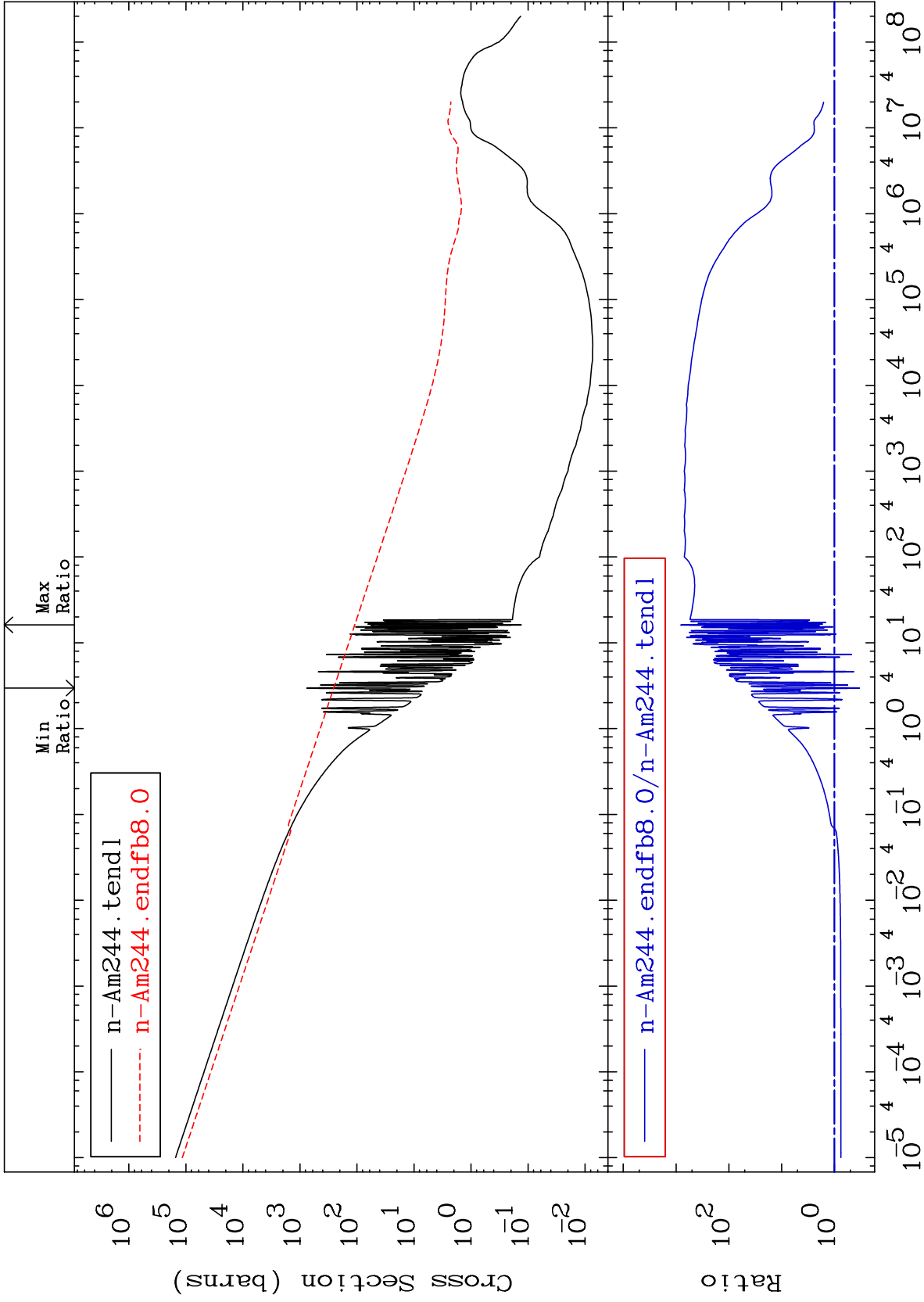
95-Am-244
-63.18 To 148.3 %



MAT 9552

Fission Cross Section

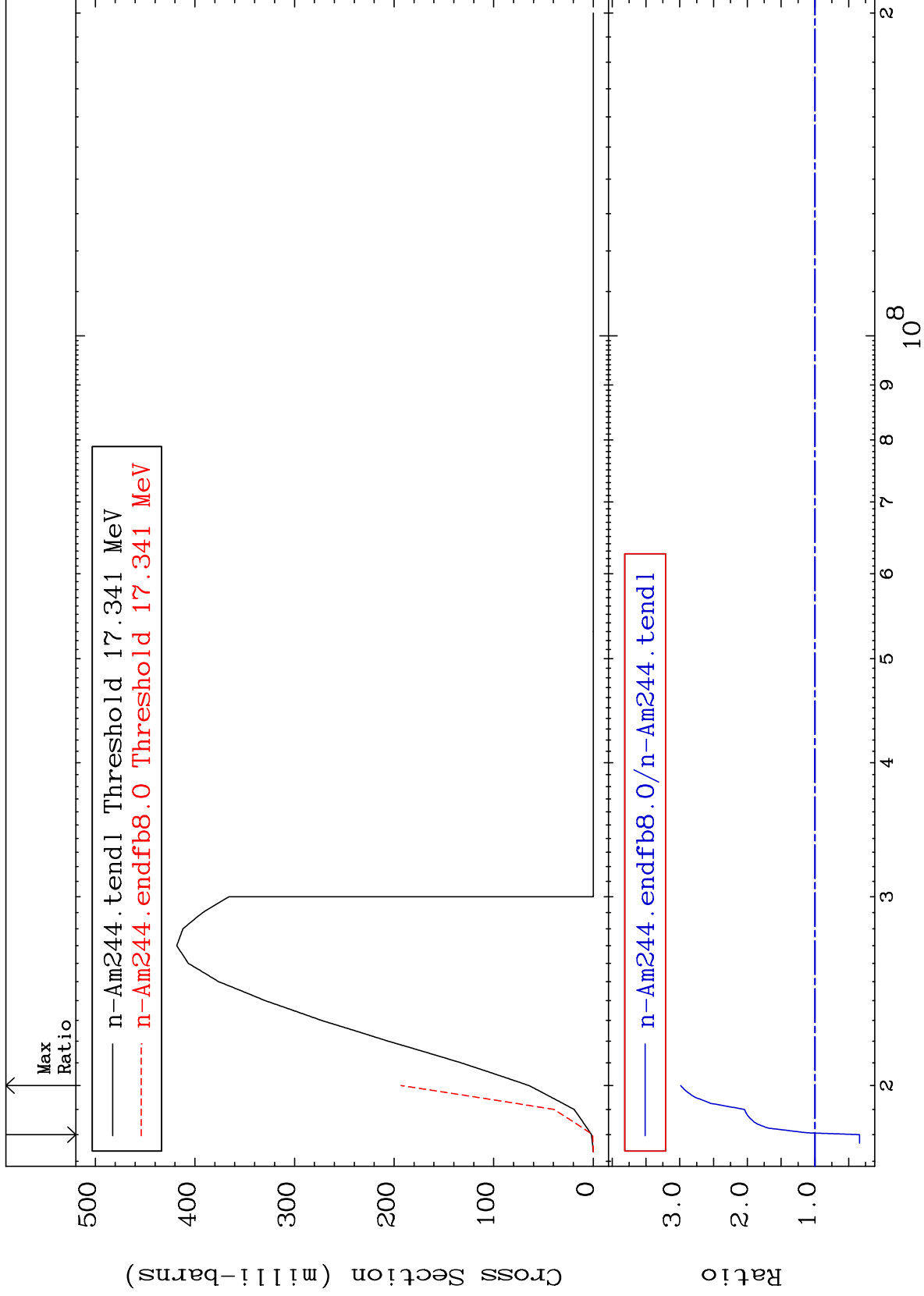
95-Am-244
-66.31 To 9999. %



MAT 9552

(n,4n)
Cross Section

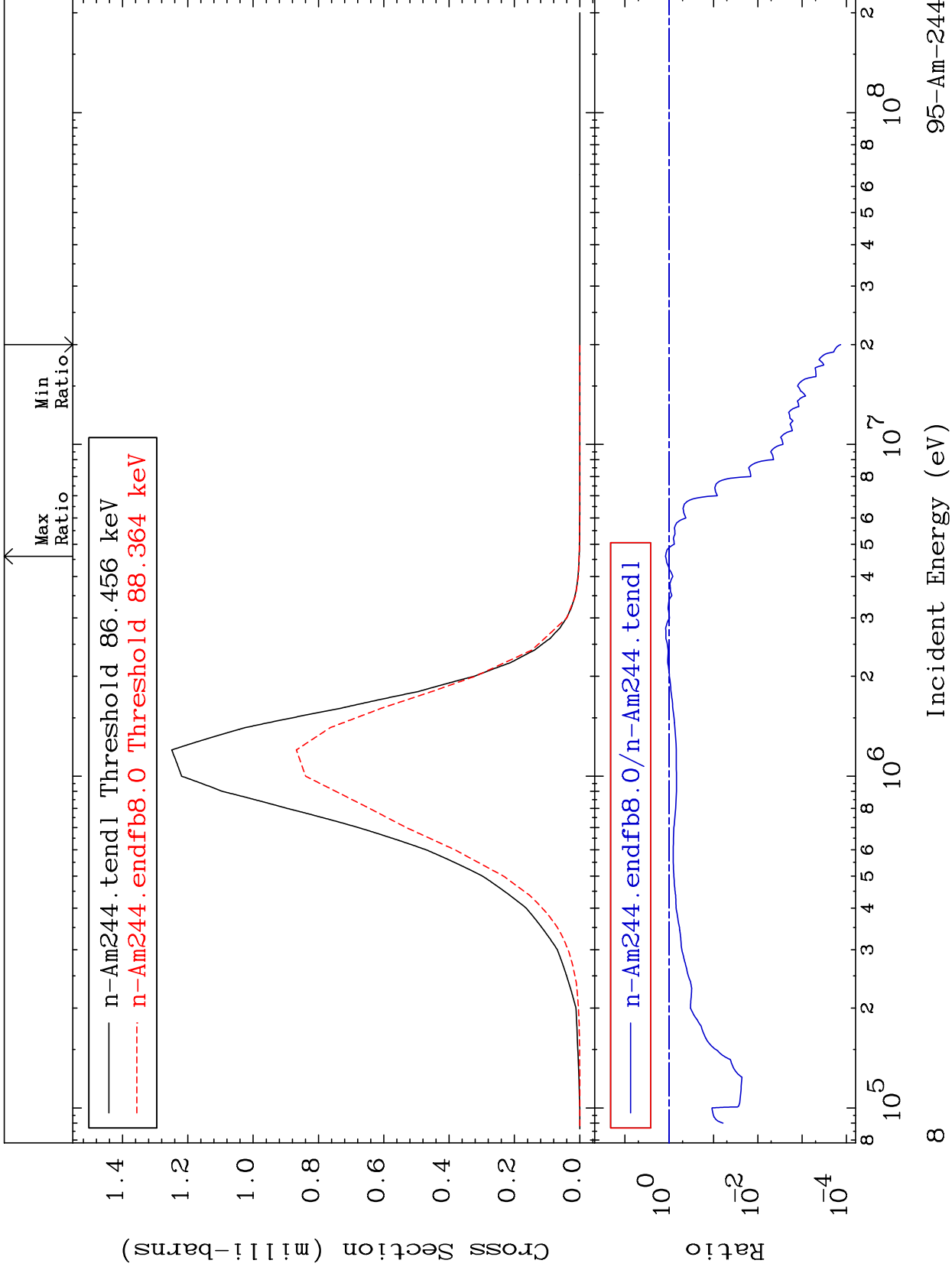
95-Am-244
-66.02 To 198.5 %



MAT 9552

MT= 51 (n, n') Level
Cross Section

95-Am-244
-99.99 To 21.34 %

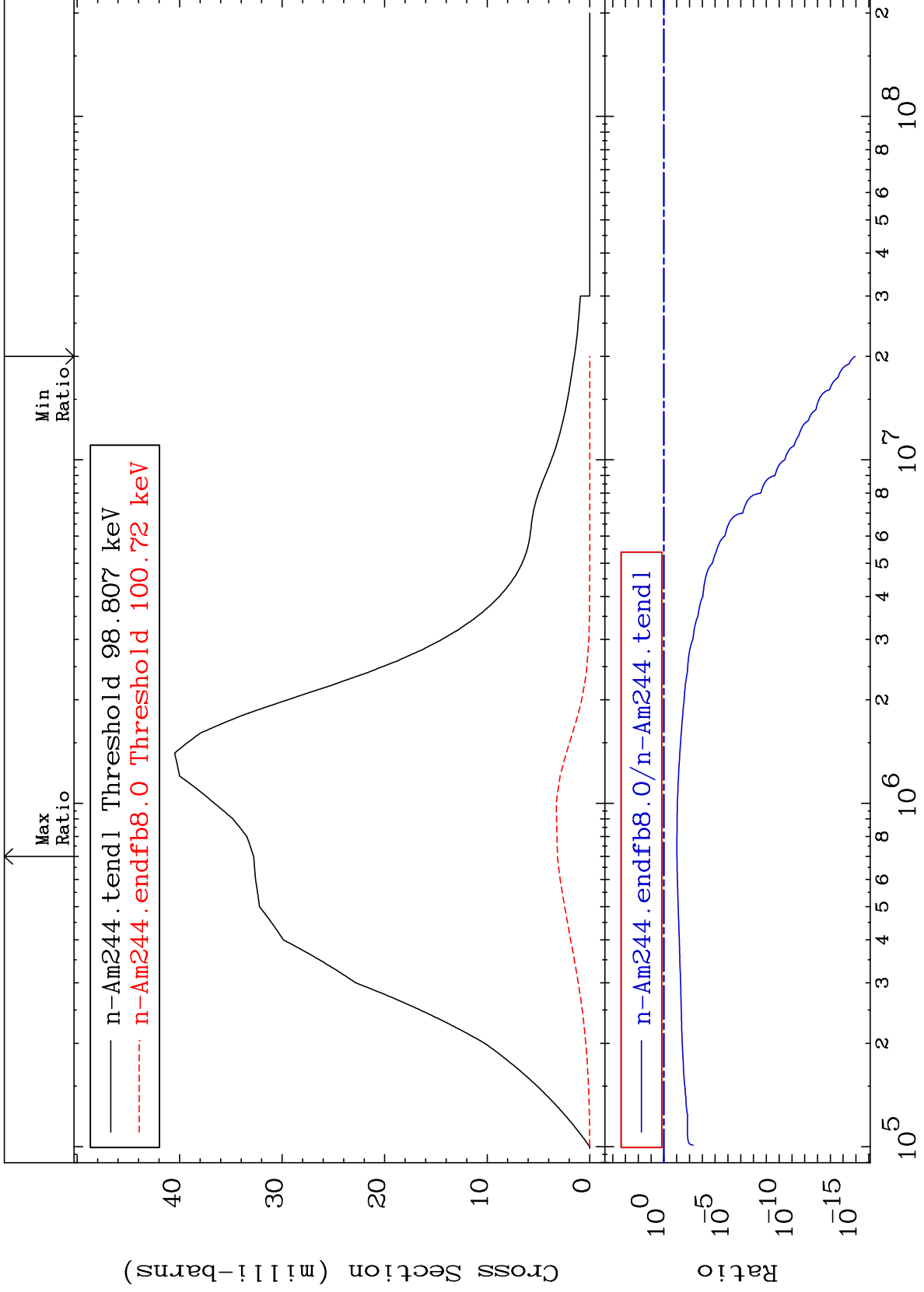


95-Am-244

MAT 9552

MT= 52 (n,n') Level
Cross Section

95-Am-244
-100.0 To -90.41%



9

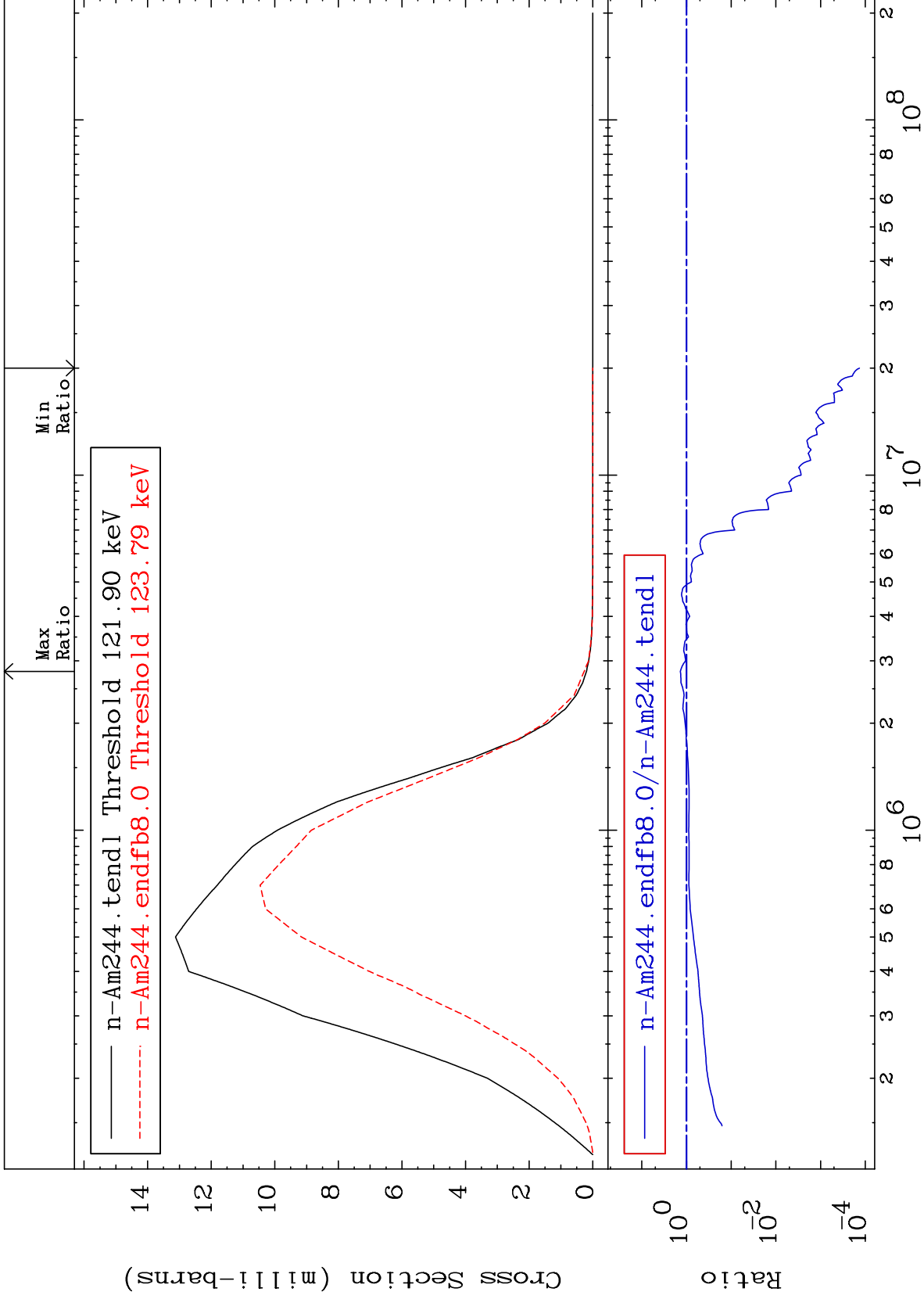
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 53 (n,n') Level
Cross Section

95-Am-244
-99.99 To 37.14 %



10

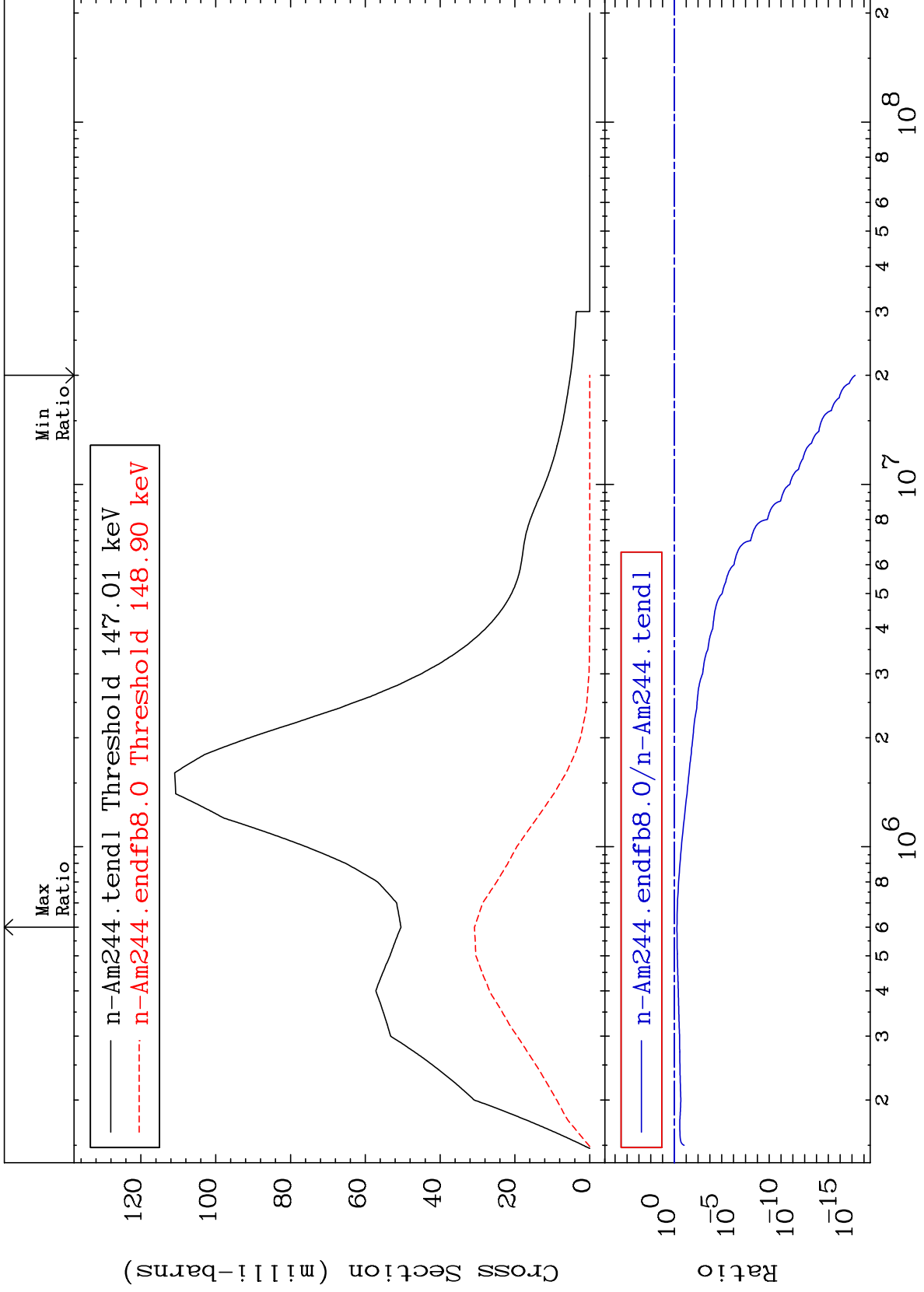
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 54 (n,n') Level
Cross Section

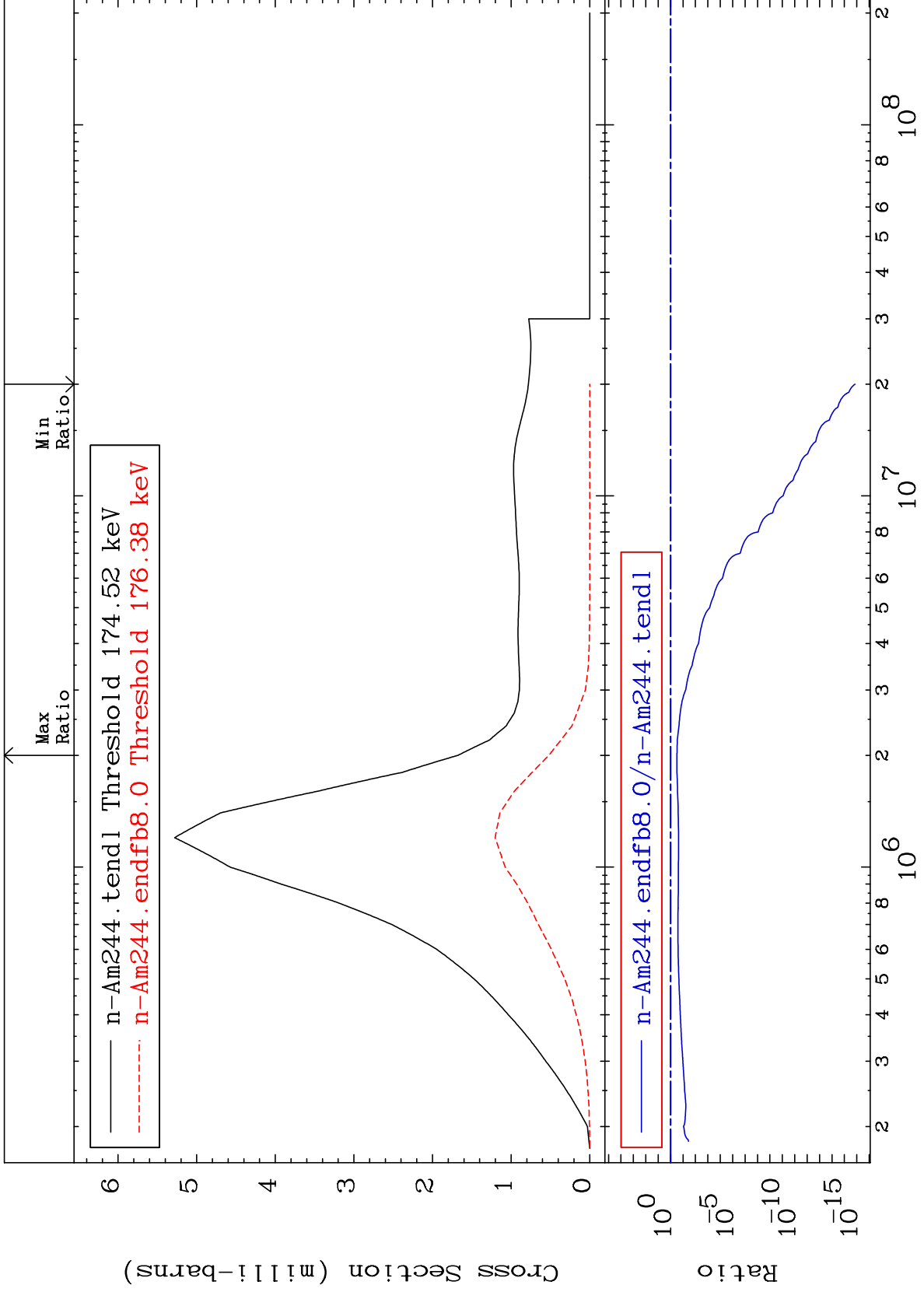
95-Am-244
-100.0 To -38.98%



MAT 9552

MT= 55 (n,n') Level
Cross Section

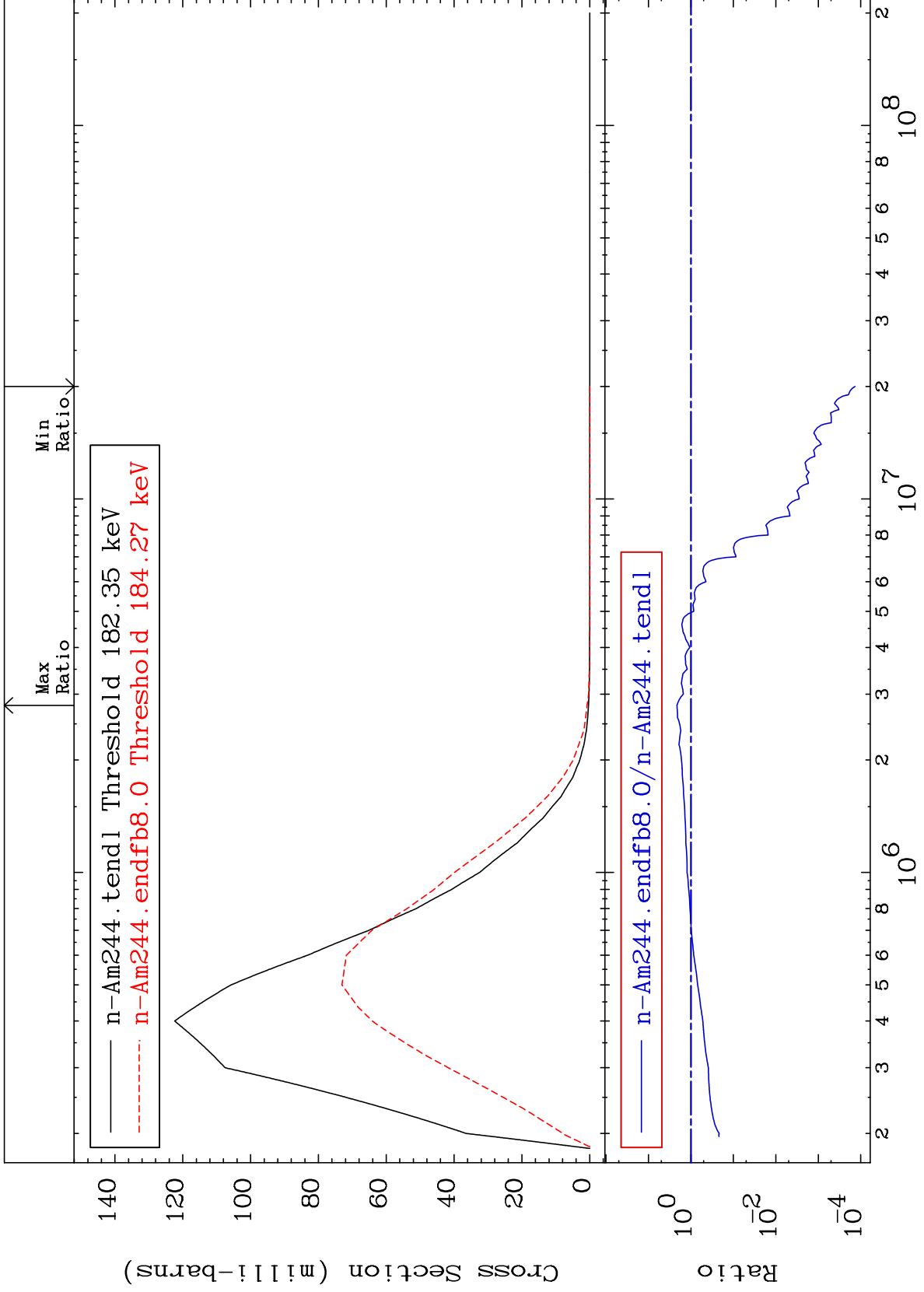
95-Am-244
-100.0 To -69.01%



MAT 9552

MT= 56 (n,n') Level
Cross Section

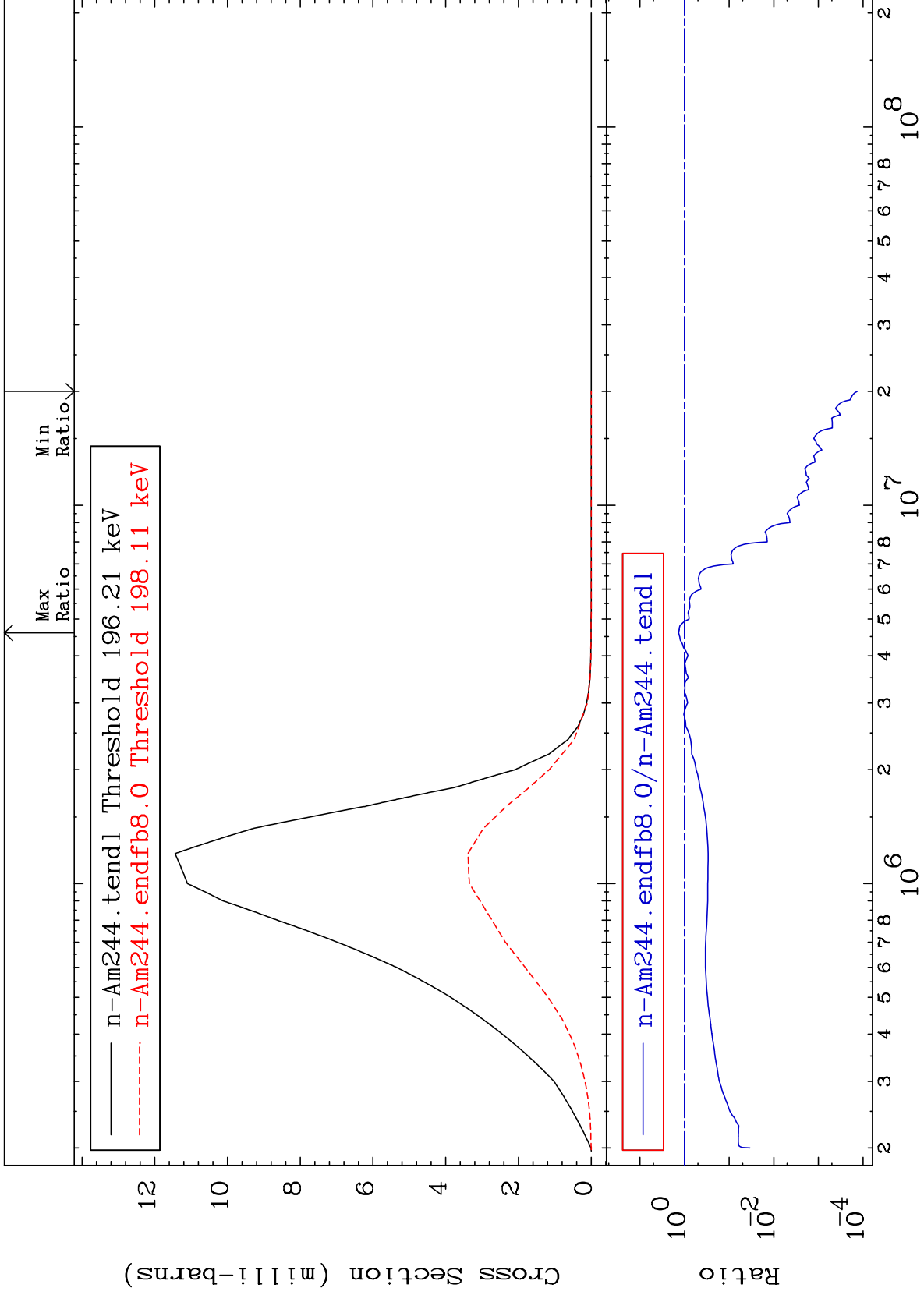
95-Am-244
-99.99 To 113.5 %



MAT 9552

MT= 57 (n,n') Level
Cross Section

95-Am-244
-99.99 To 35.76 %



14

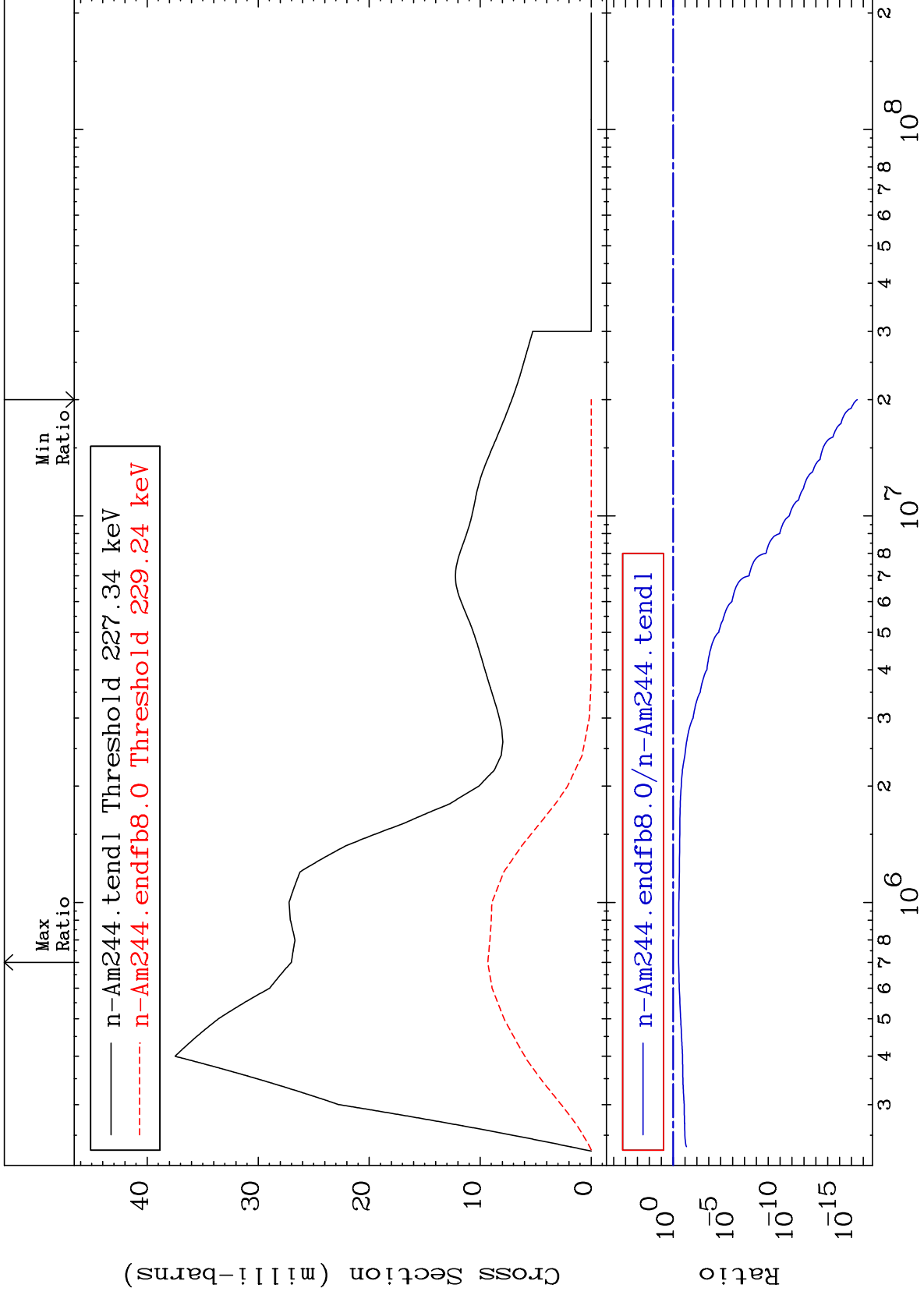
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 58 (n,n') Level
Cross Section

95-Am-244
-100.0 To -65.51%



15

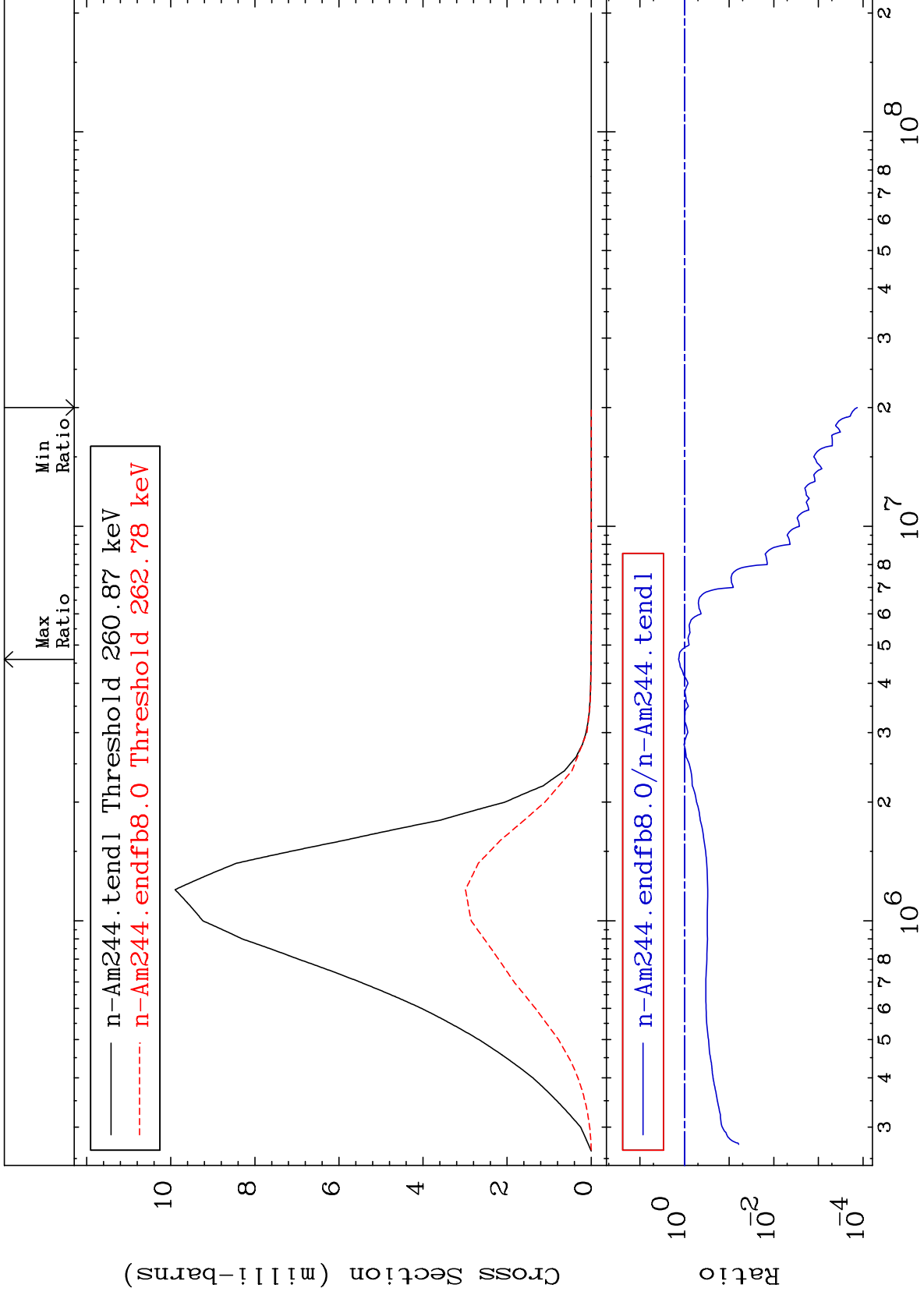
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 59 (n,n') Level
Cross Section

95-Am-244
-99.99 To 35.48 %



16

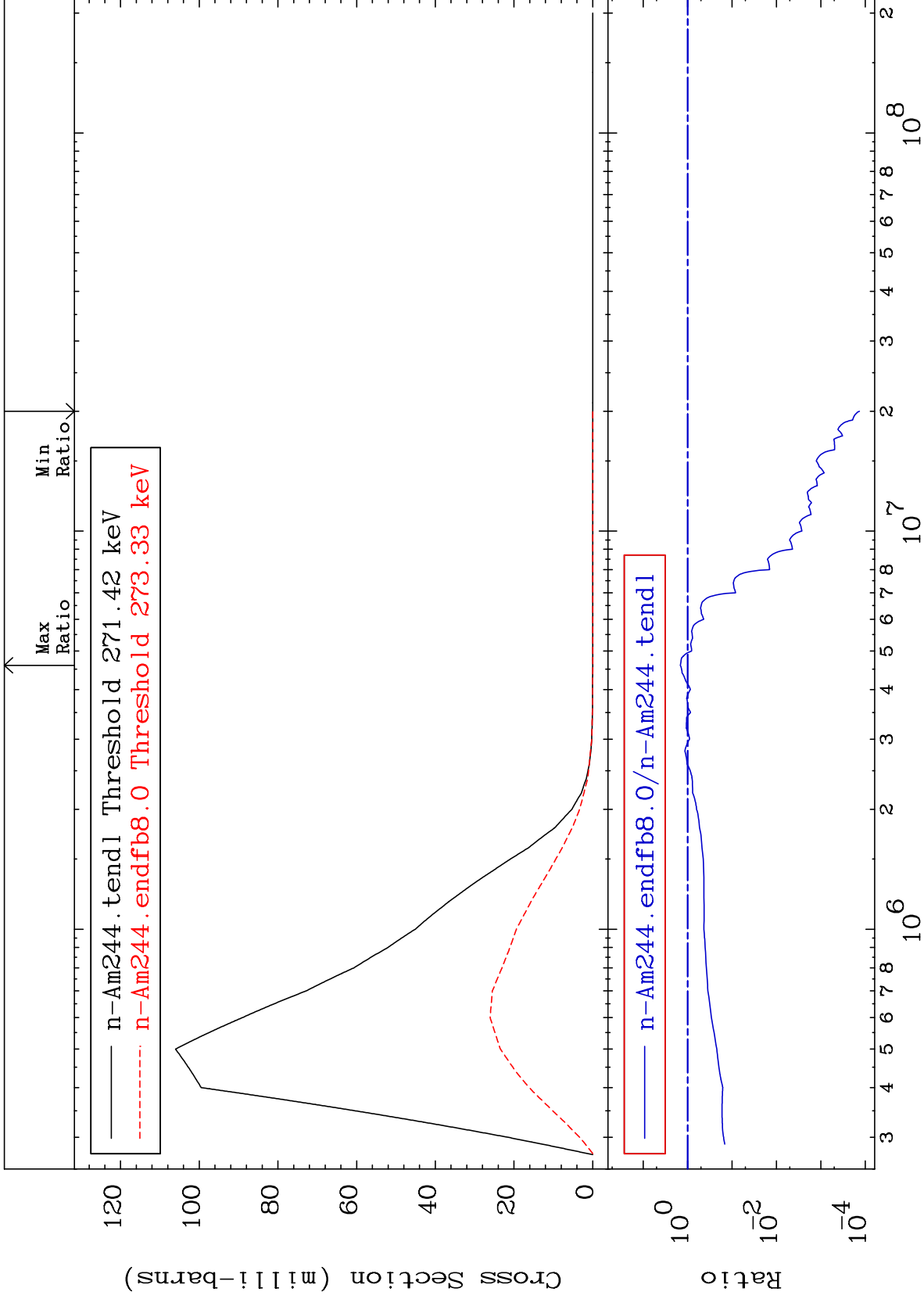
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 60 (n,n') Level
Cross Section

95-Am-244
-99.99 To 45.97 %



17

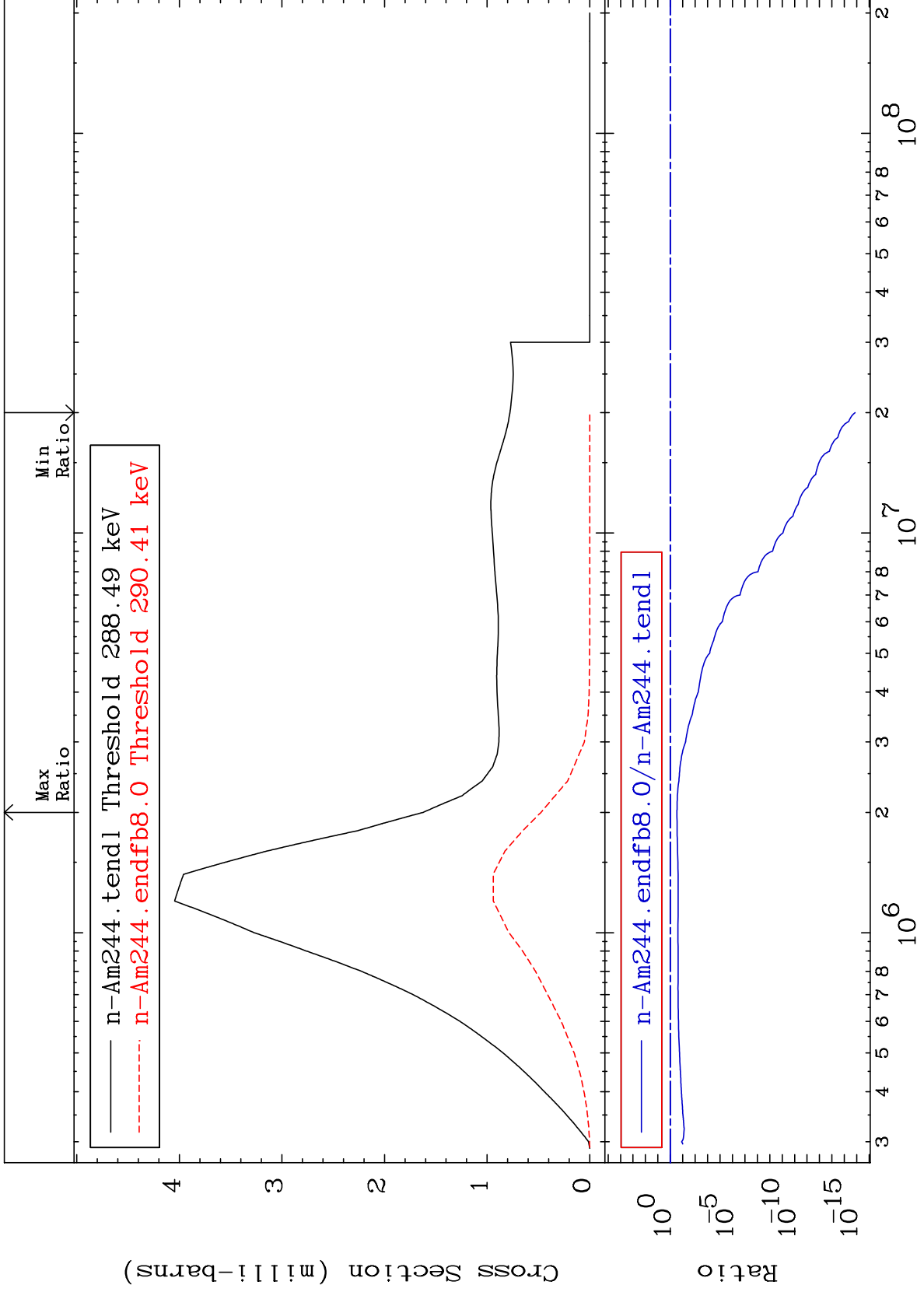
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 61 (n,n') Level
Cross Section

95-Am-244
-100.0 To -70.75%



18

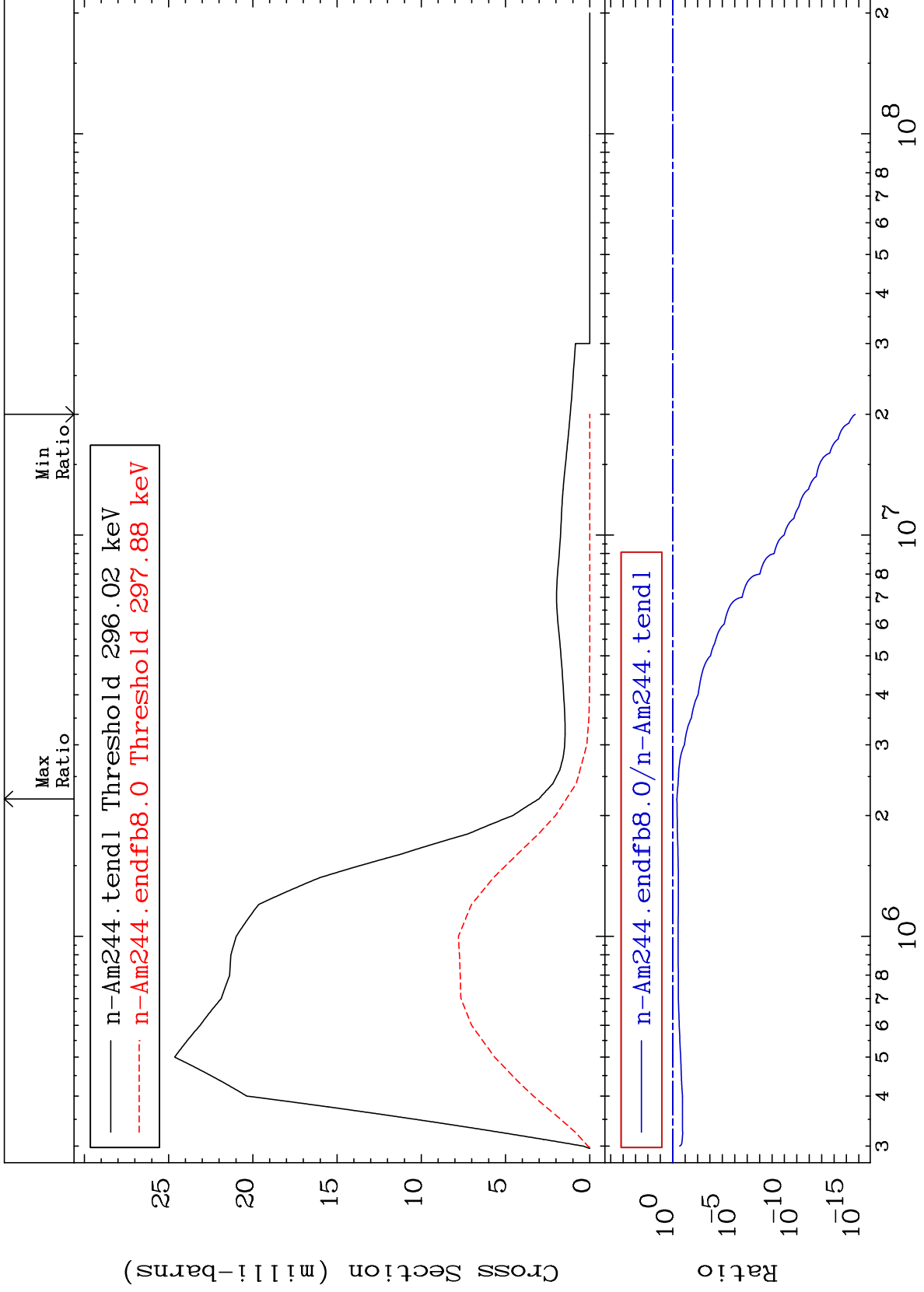
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 62 (n,n') Level
Cross Section

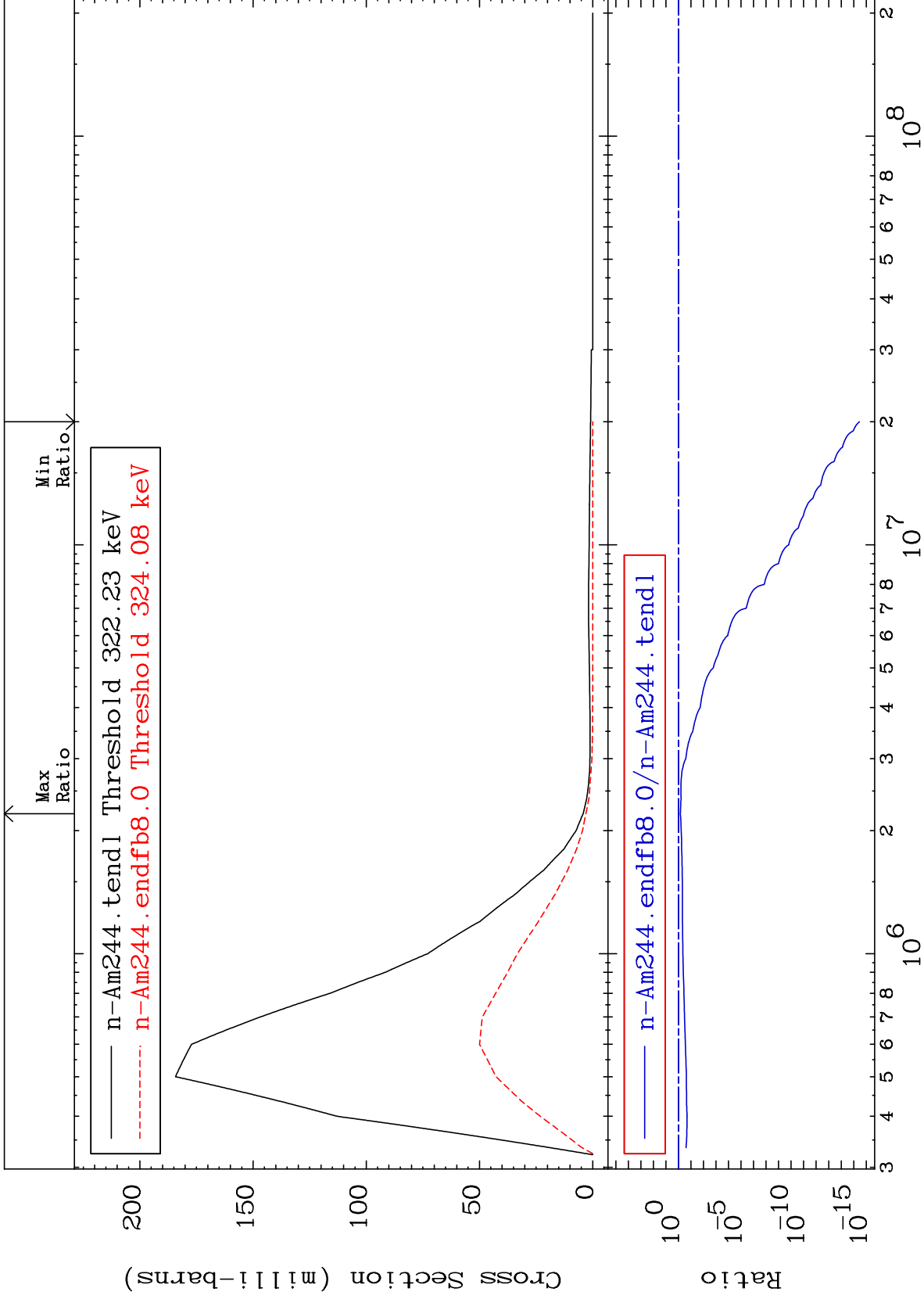
95-Am-244
-100.0 To -54.01%



MAT 9552

MT= 63 (n,n') Level
Cross Section

95-Am-244
-100.0 To -29.09%



20

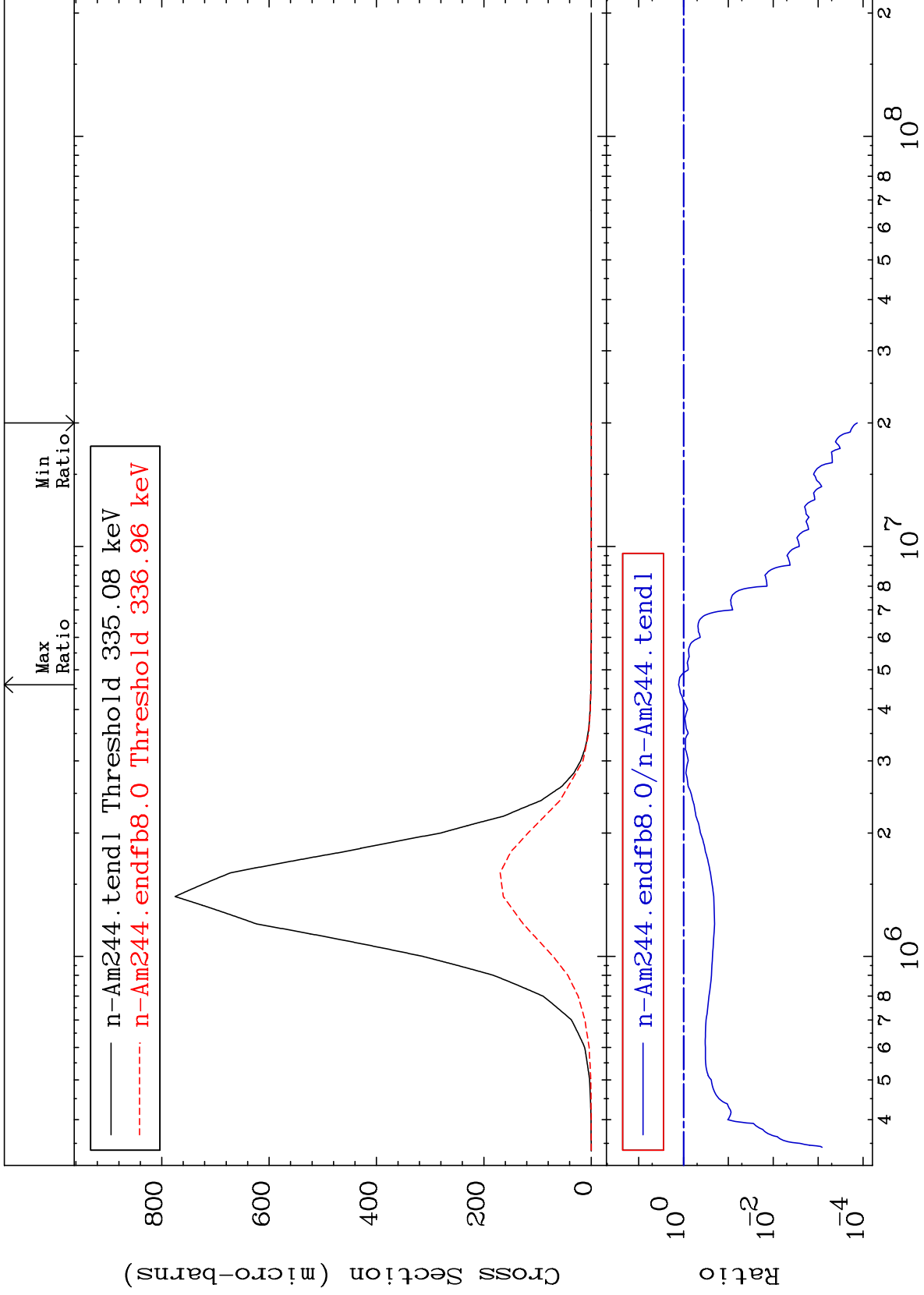
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 64 (n,n') Level
Cross Section

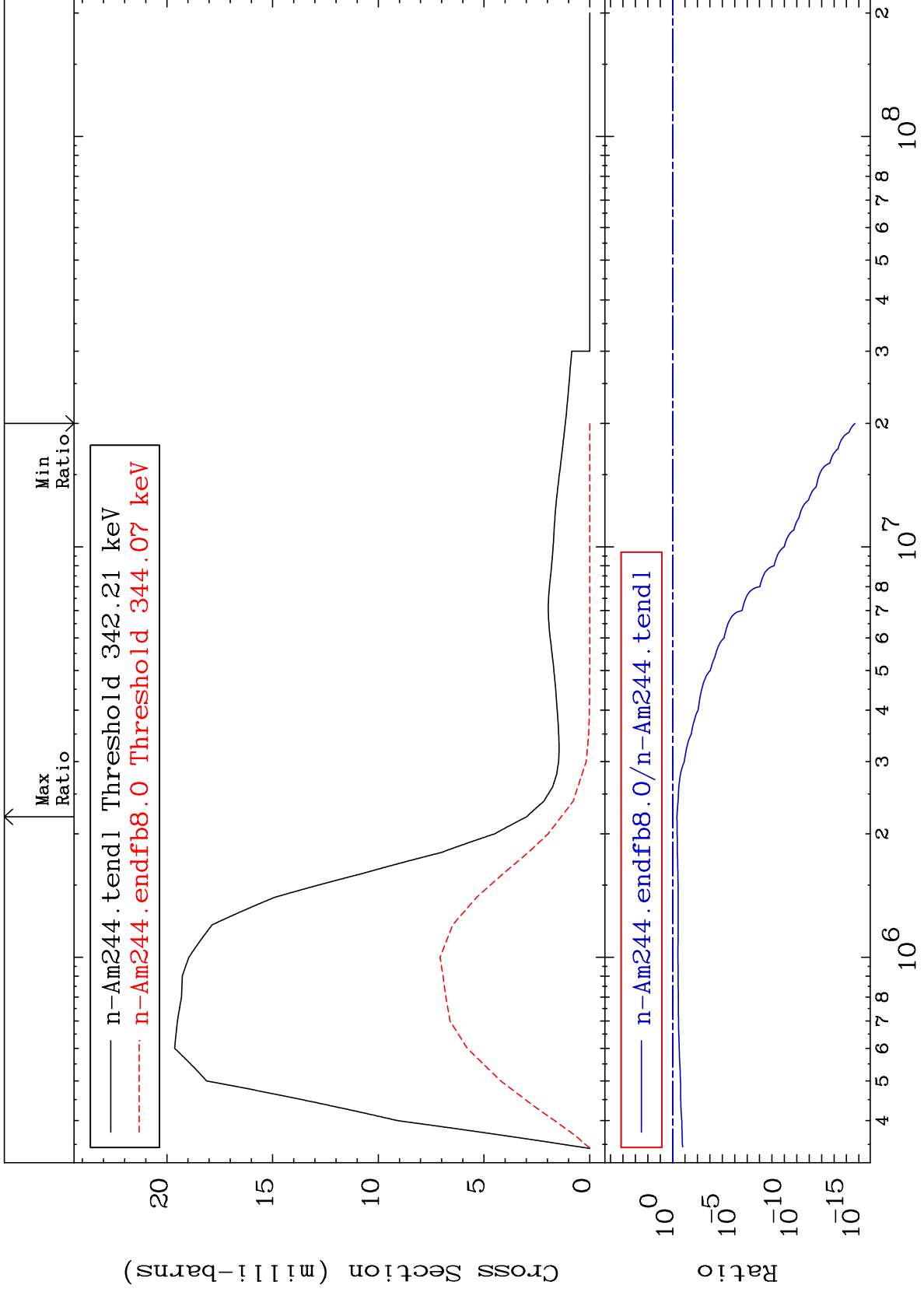
95-Am-244
-99.99 To 28.29 %



MAT 9552

MT= 65 (n,n') Level
Cross Section

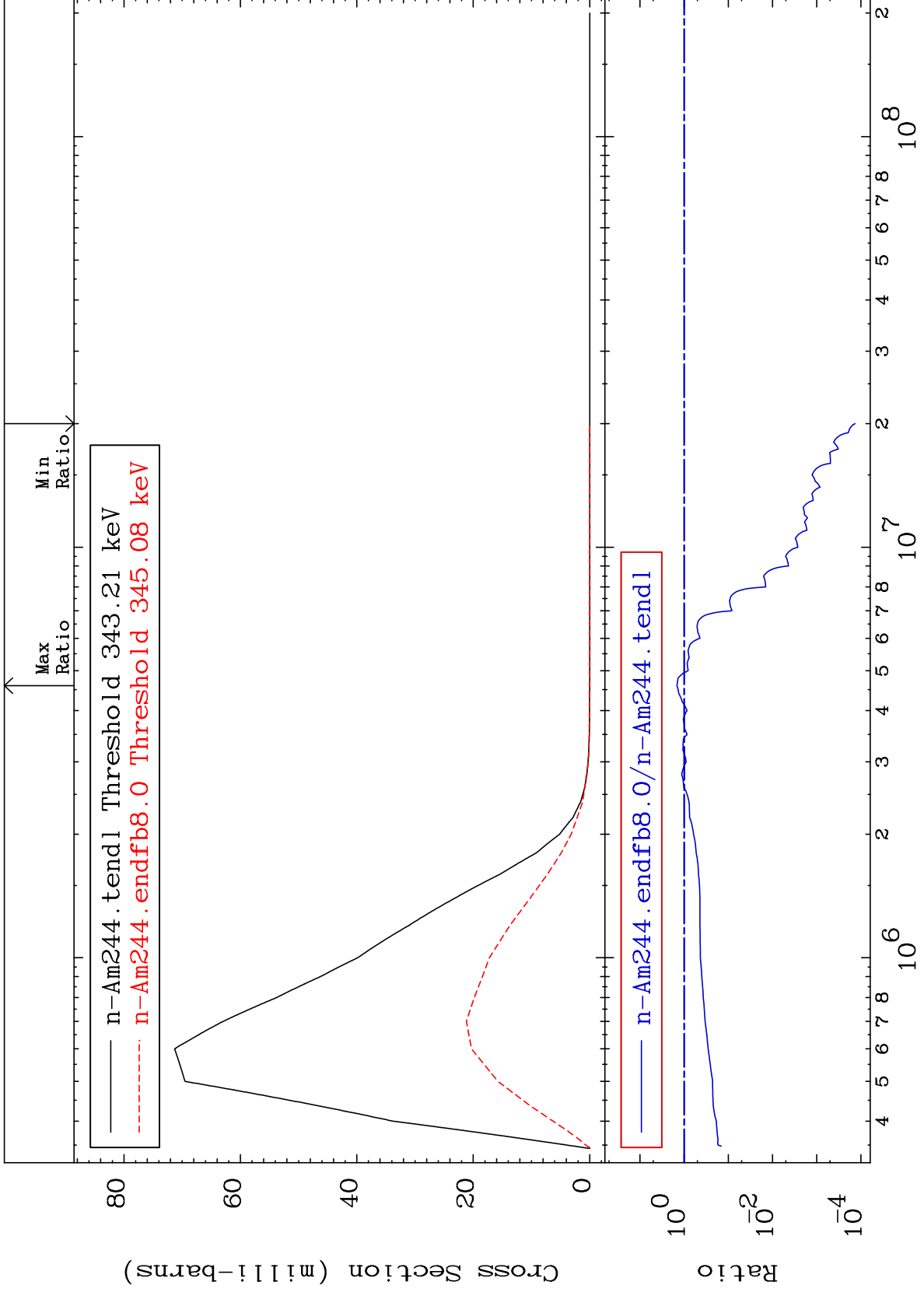
95-Am-244
-100.0 To -54.88%



MAT 9552

MT= 66 (n,n') Level
Cross Section

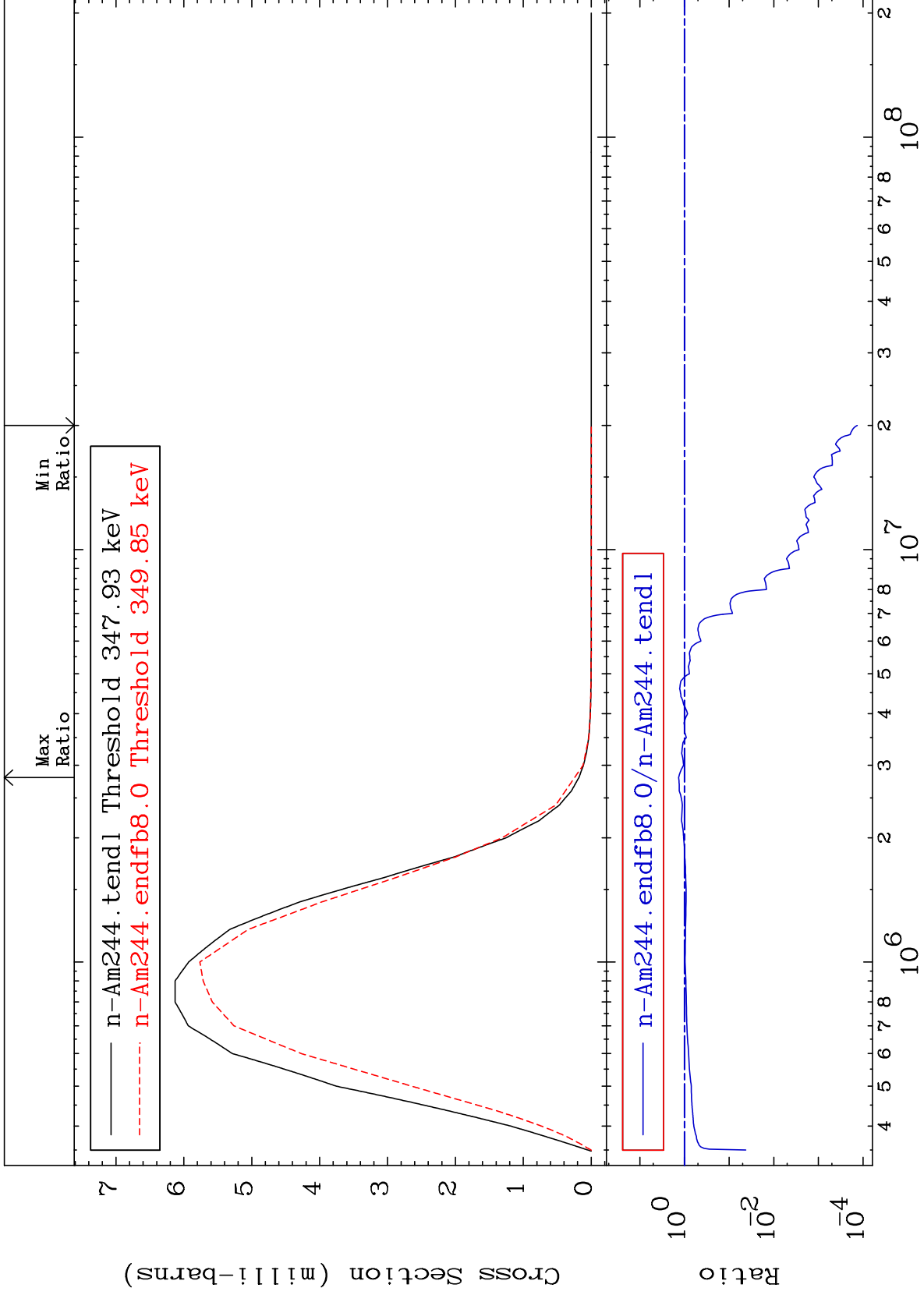
95-Am-244
-99.99 To 45.77 %



MAT 9552

MT= 67 (n,n') Level
Cross Section

95-Am-244
-99.99 To 35.32 %



24

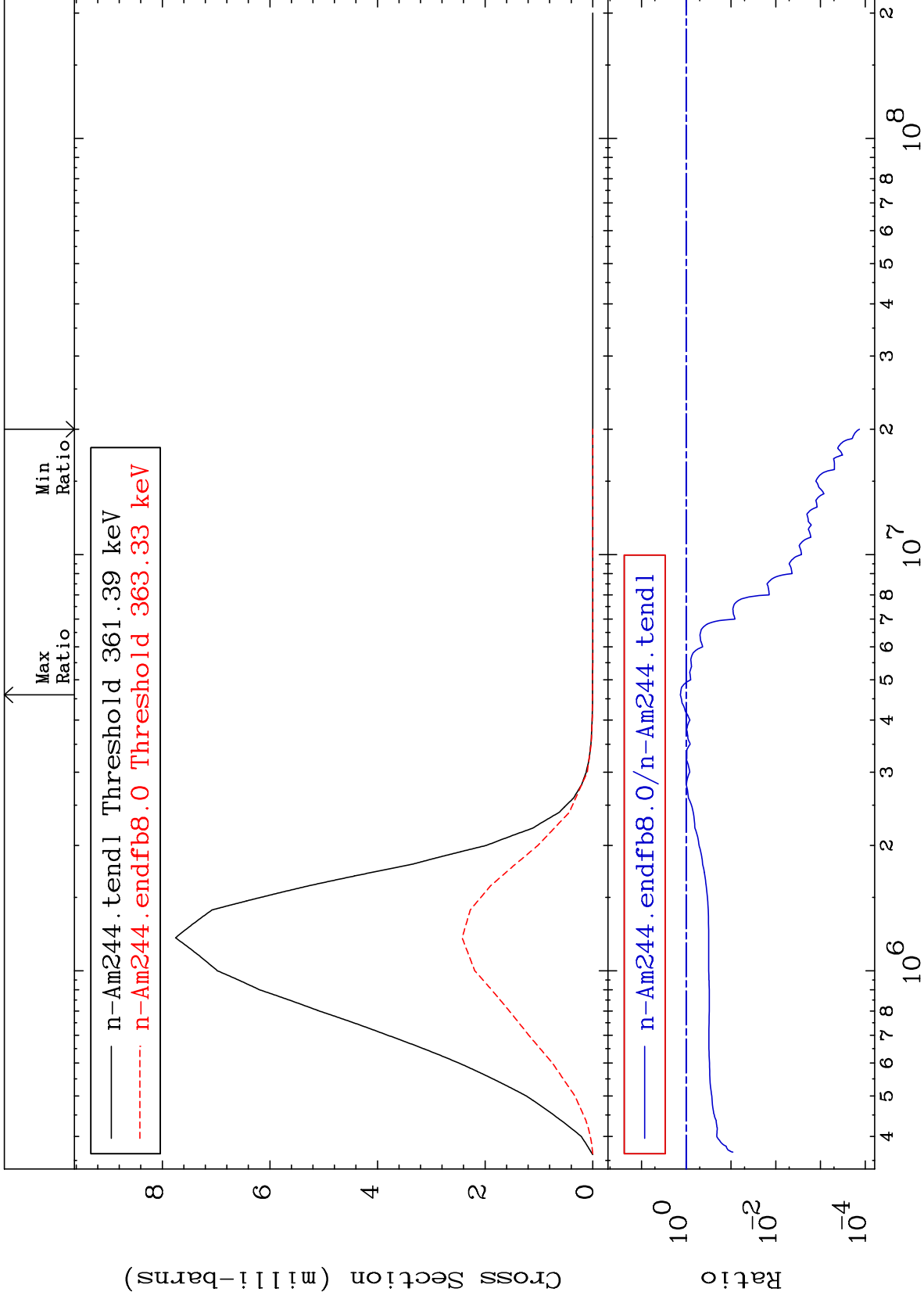
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 68 (n,n') Level
Cross Section

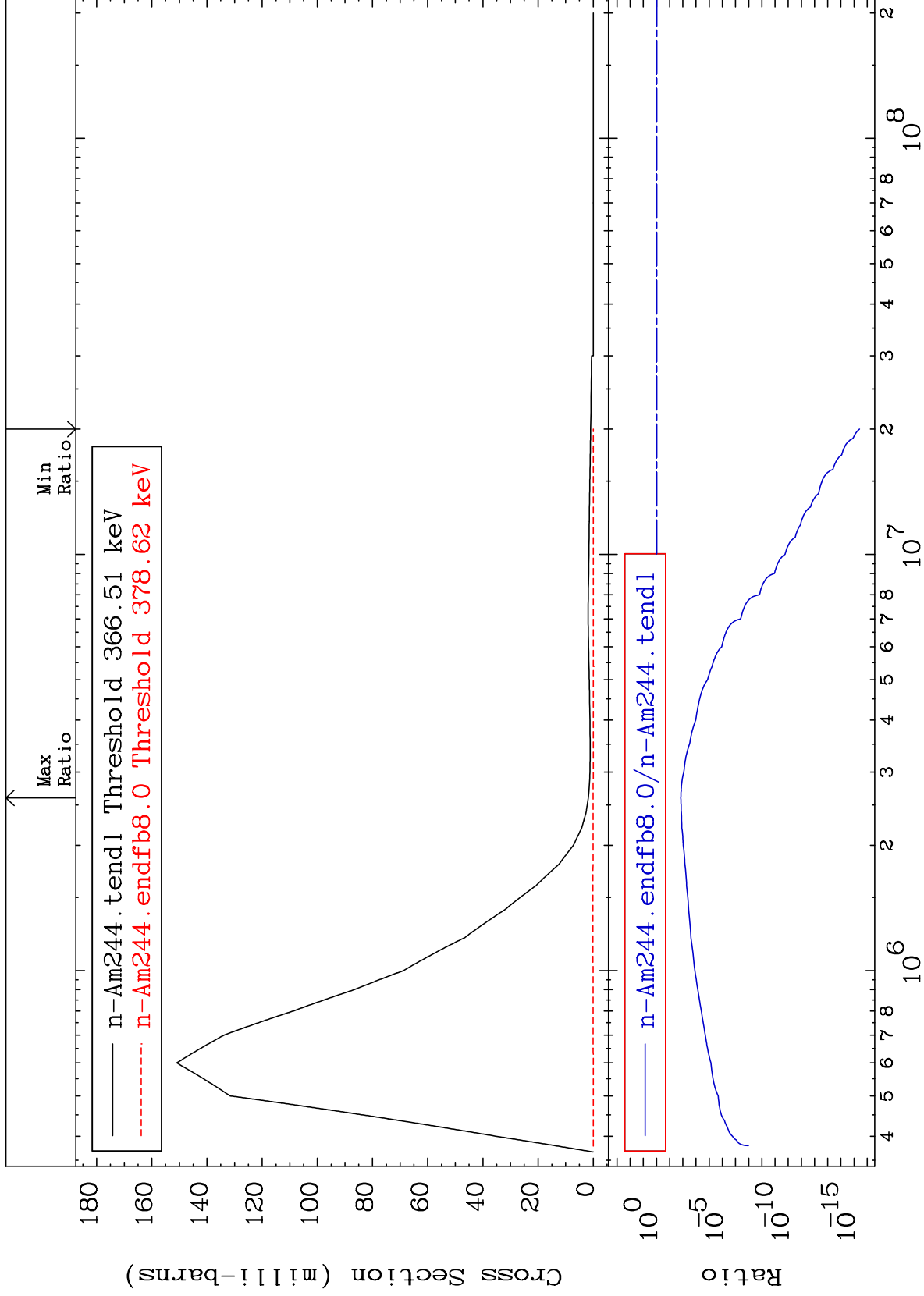
95-Am-244
-99.99 To 34.99 %



MAT 9552

MT= 69 (n,n') Level
Cross Section

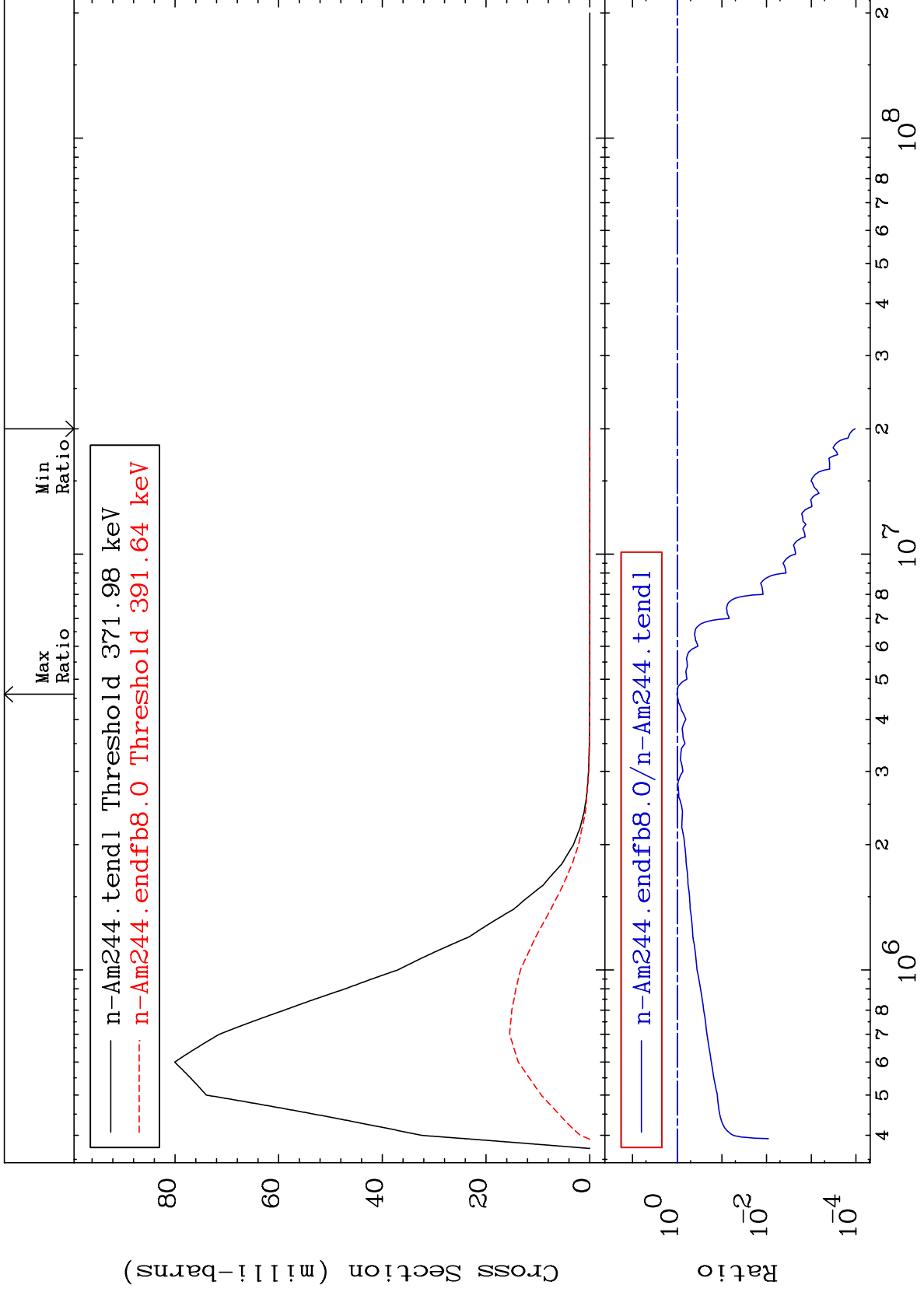
95-Am-244
-100.0 To -98.56%



MAT 9552

MT= 70 (n,n') Level
Cross Section

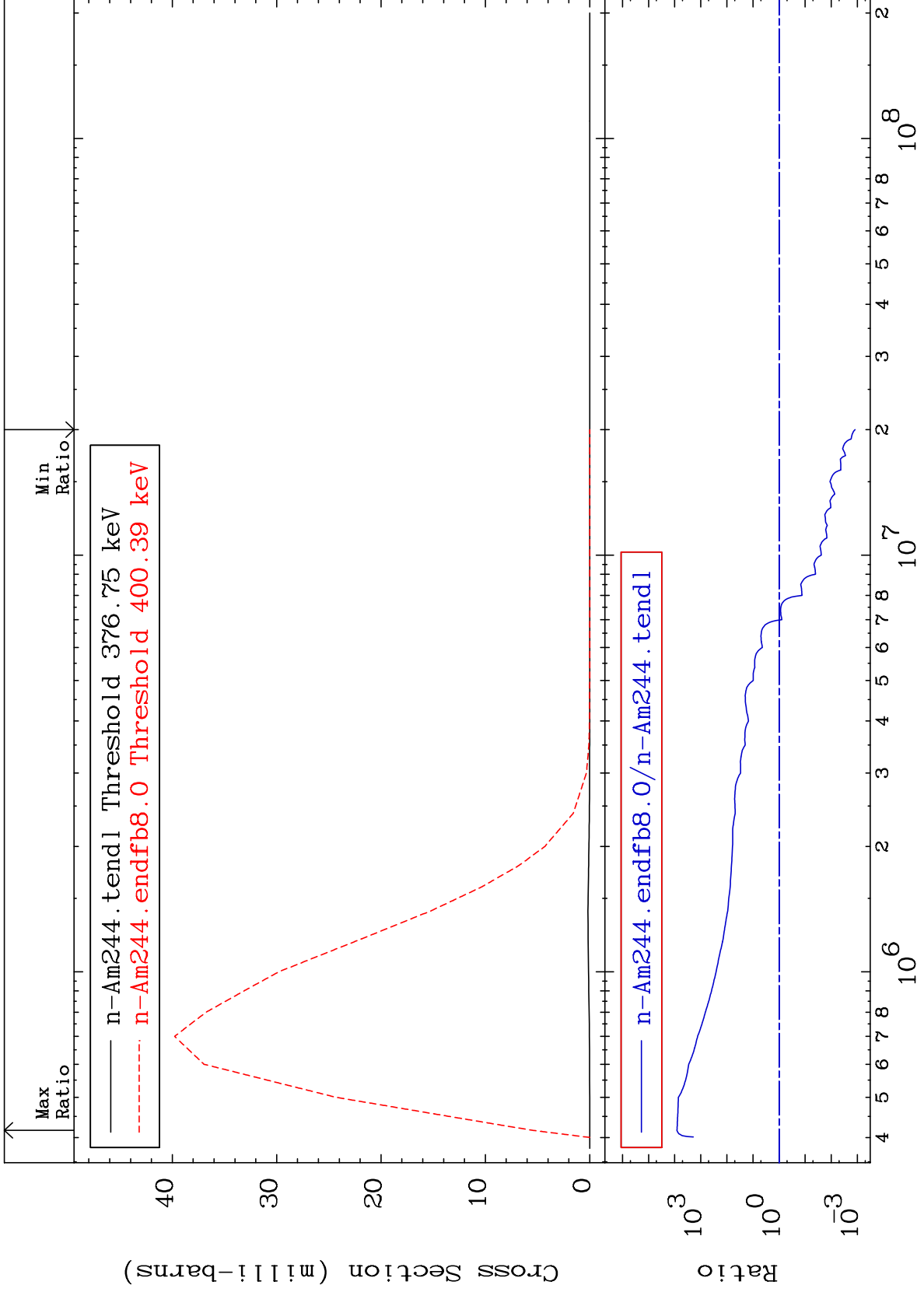
95-Am-244
-99.99 To 1.465 %



MAT 9552

MT= 71 (n,n') Level
Cross Section

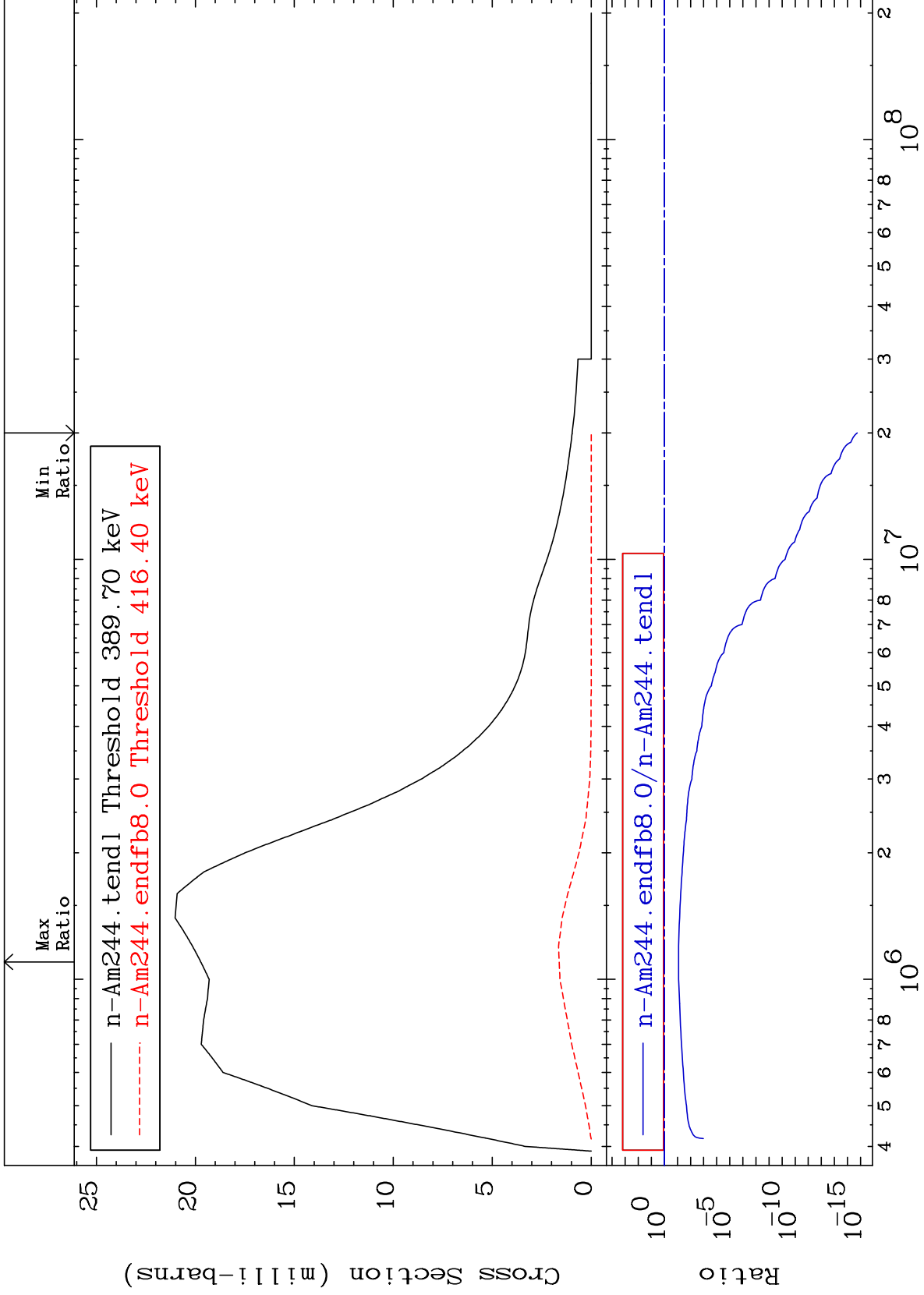
95-Am-244
-99.88 To 9999. %



MAT 9552

MT= 72 (n,n') Level
Cross Section

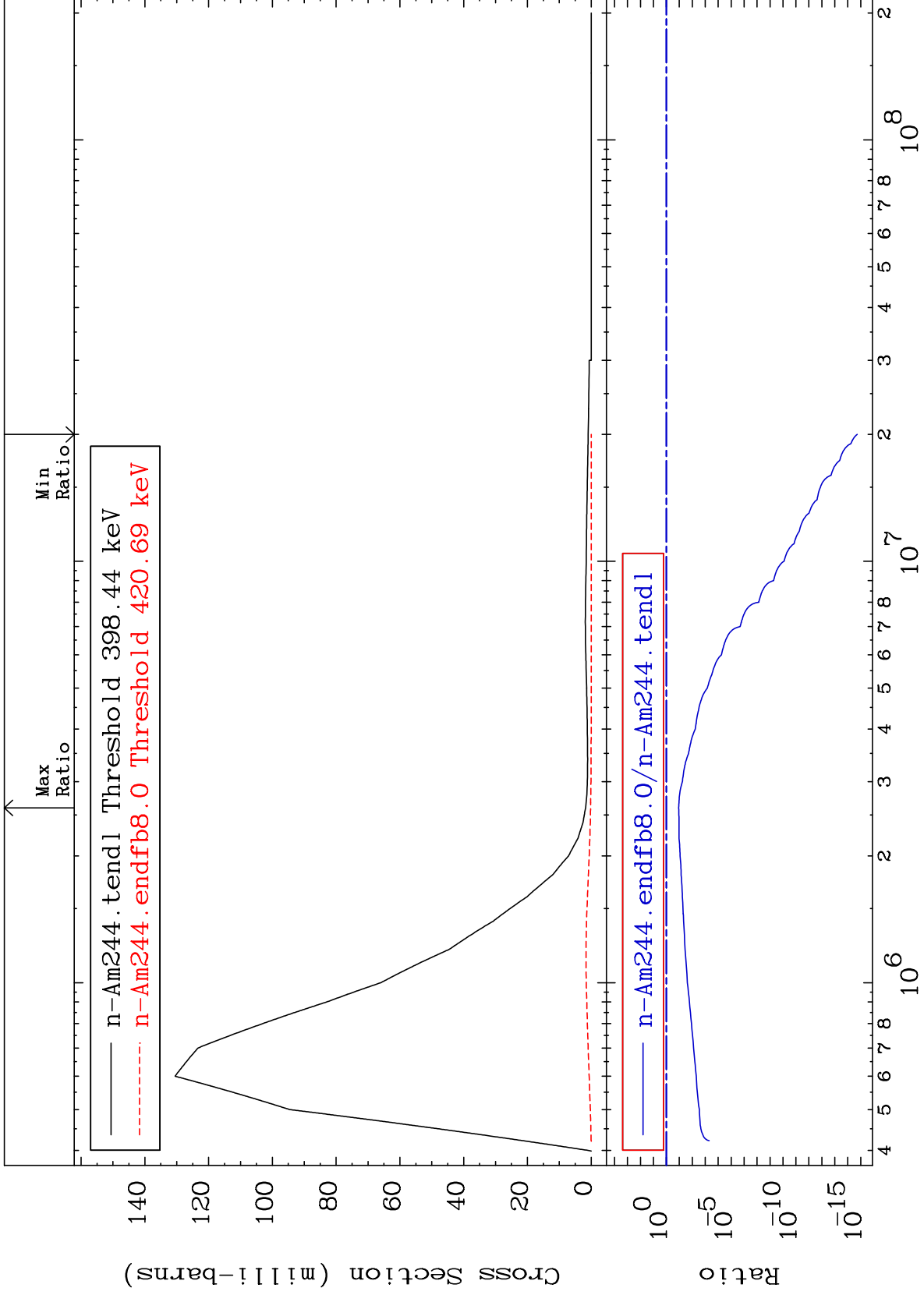
95-Am-244
-100.0 To -91.82%



MAT 9552

MT= 73 (n,n') Level
Cross Section

95-Am-244
-100.0 To -88.73%



30

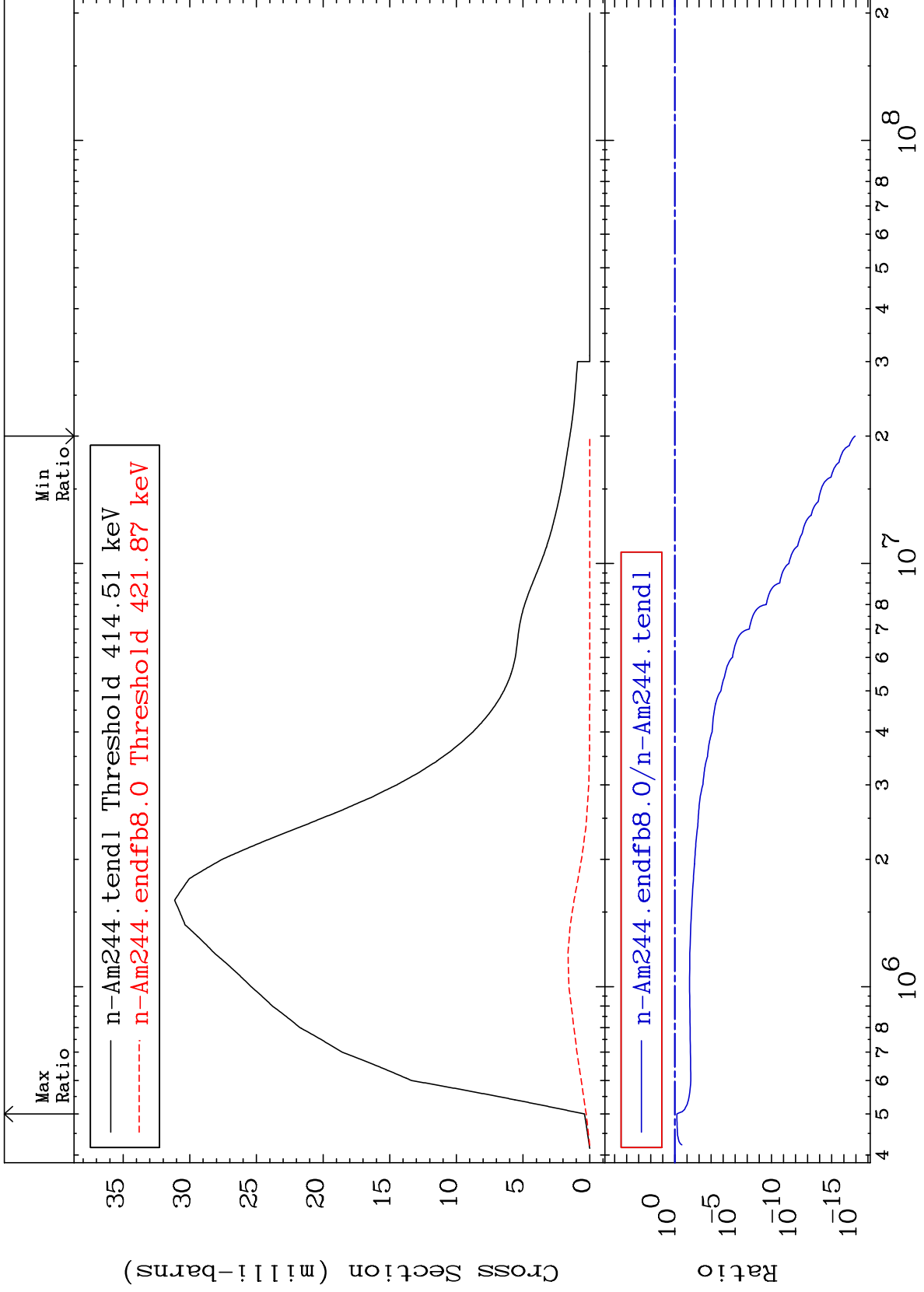
Incident Energy (eV)

95-Am-244

MAT 9552

MT= 74 (n,n') Level
Cross Section

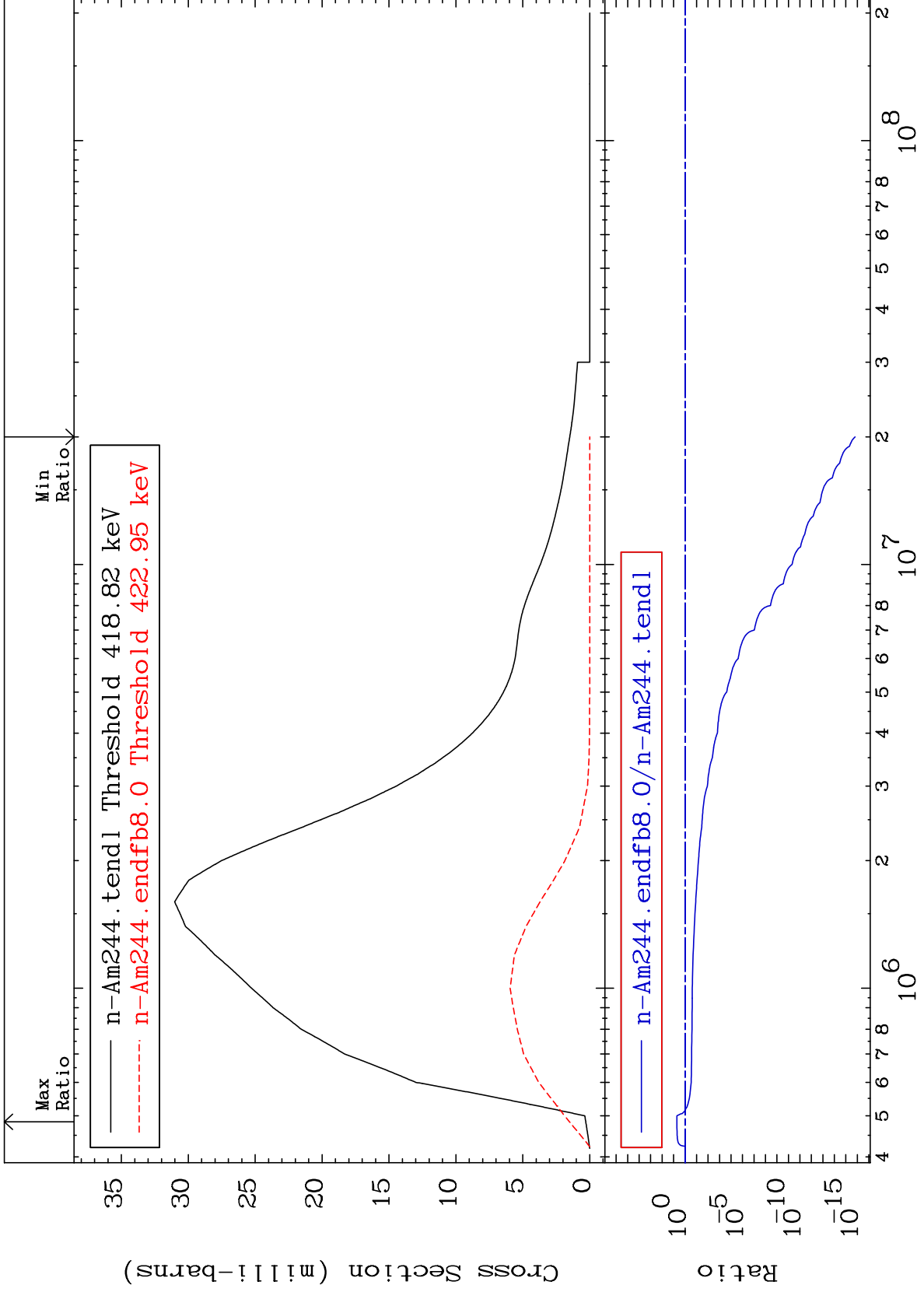
95-Am-244
-100.0 To -32.27%



MAT 9552

MT= 75 (n,n') Level
Cross Section

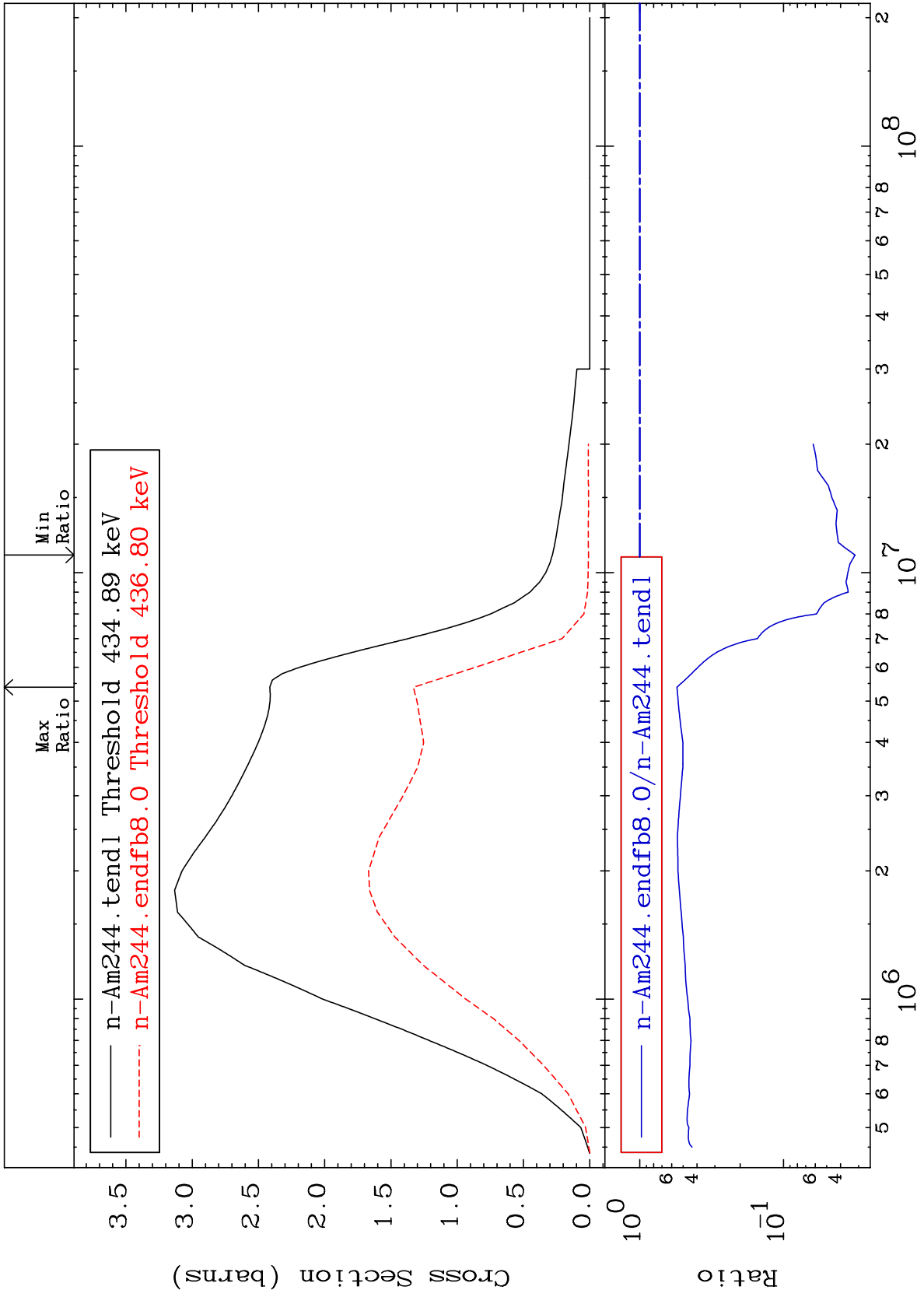
95-Am-244
-100.0 To 412.6 %



MAT 9552

(n, n') Continuum
Cross Section

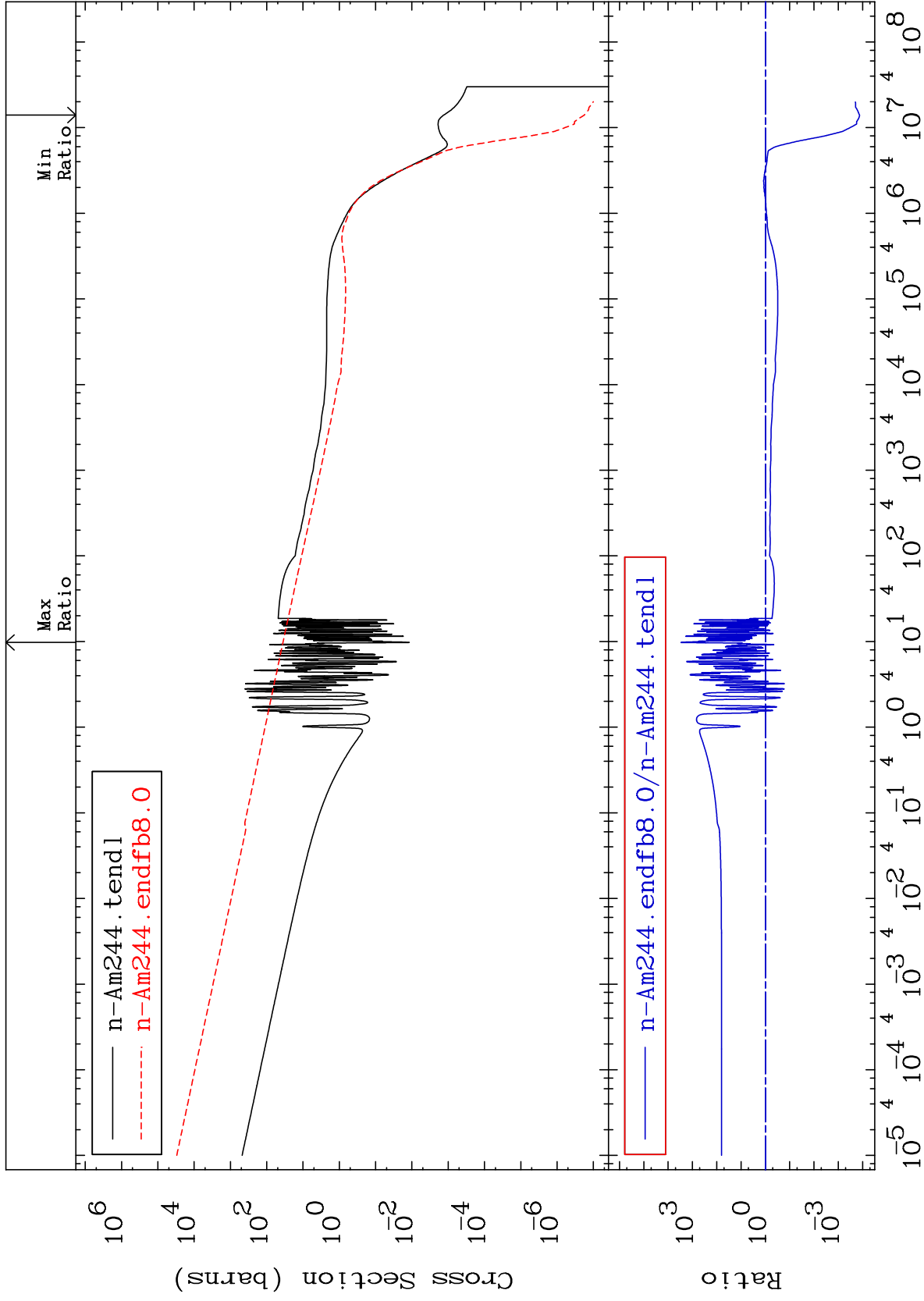
95-Am-244
-96.83 To -44.86%



MAT 9552

(n, γ)
Cross Section

95-Am-244
-99.99 To 9999. %



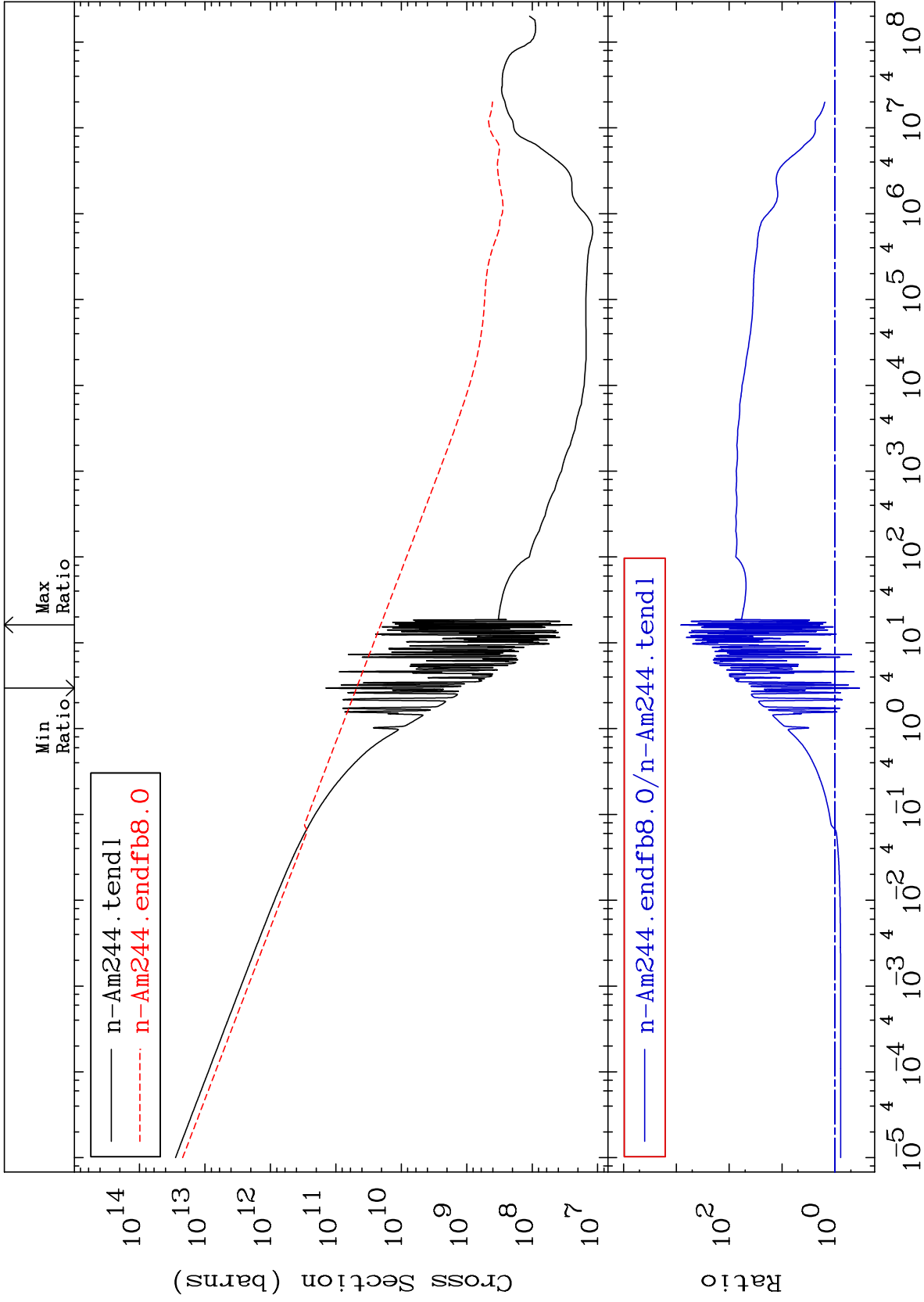
MAT 9552

Kerma total (eV-barns)

95-Am-244

-65.68 To 9999. %

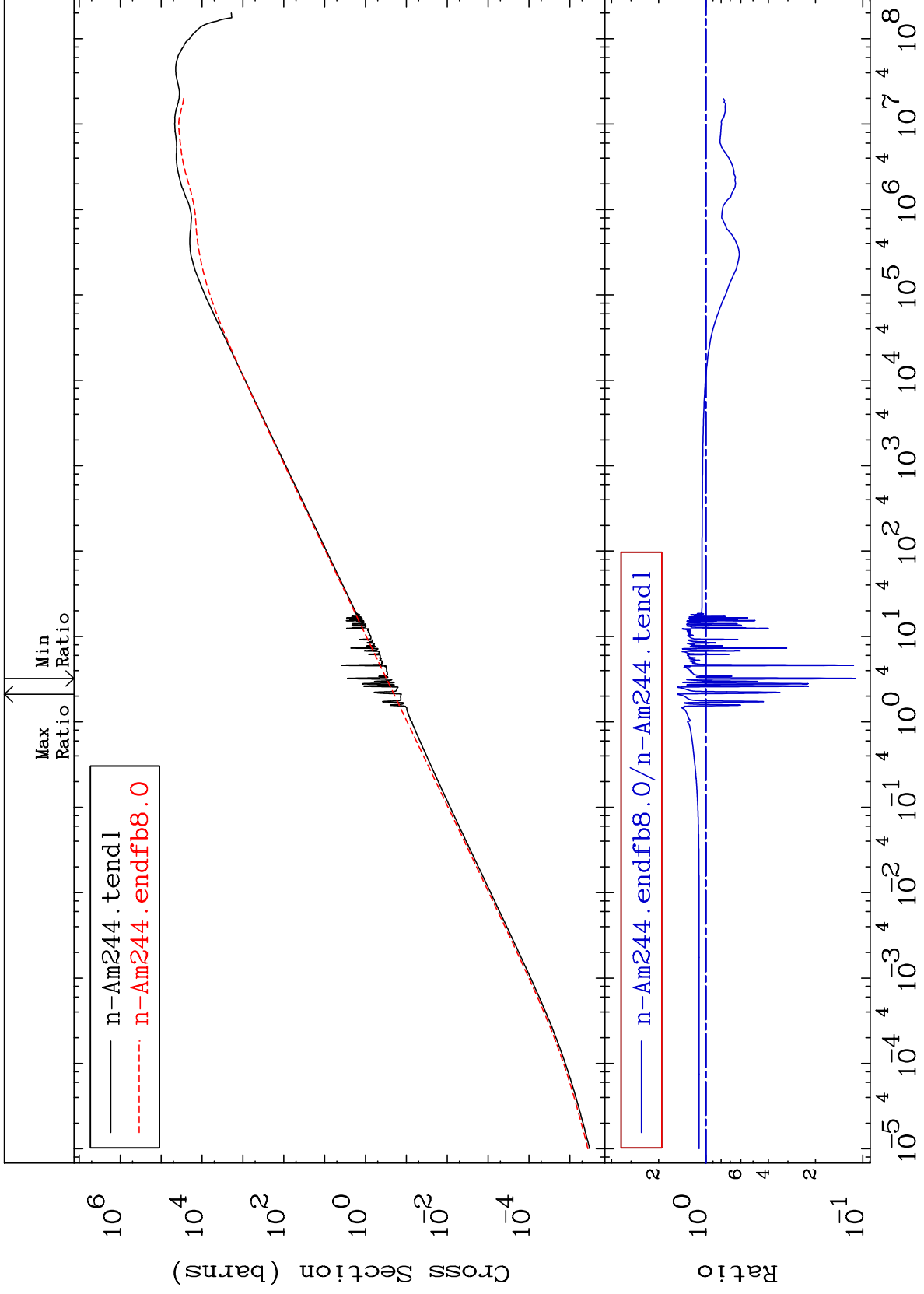
Cross Section

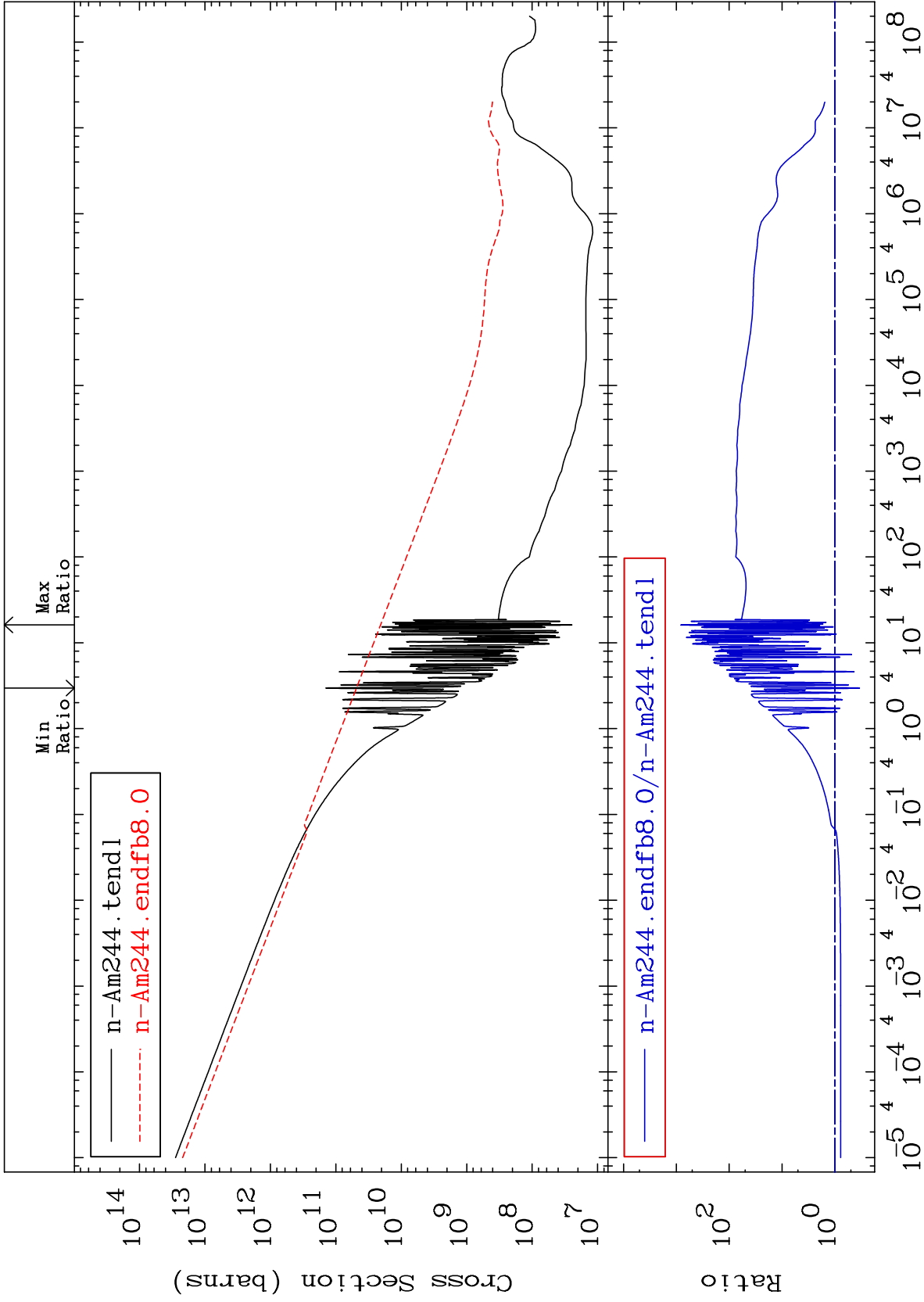


MAT 9552

Kerma elastic
Cross Section

95-Am-244
-88.82 To 53.01 %

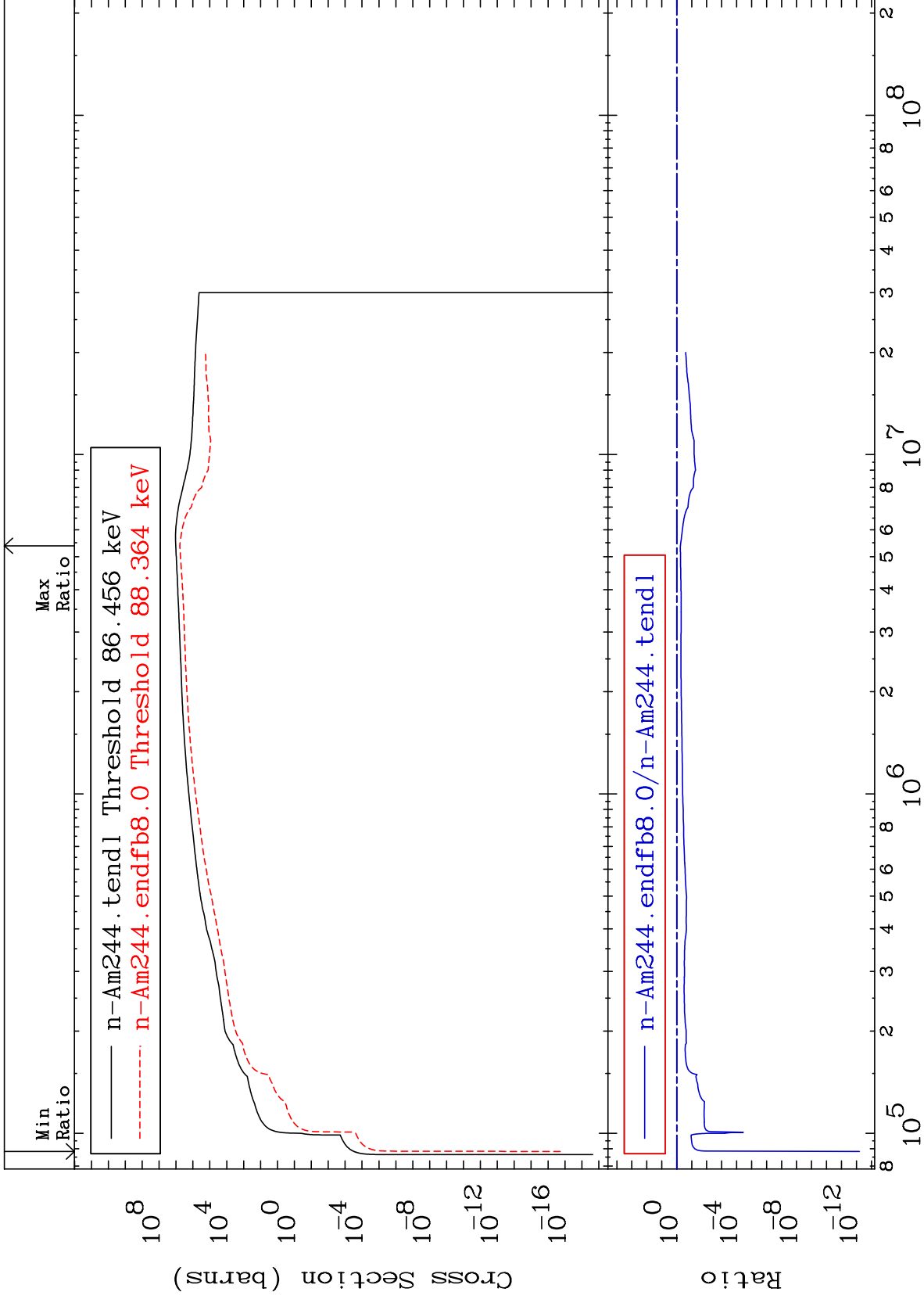




MAT 9552

Kerma inelastic (mt51-91)
Cross Section

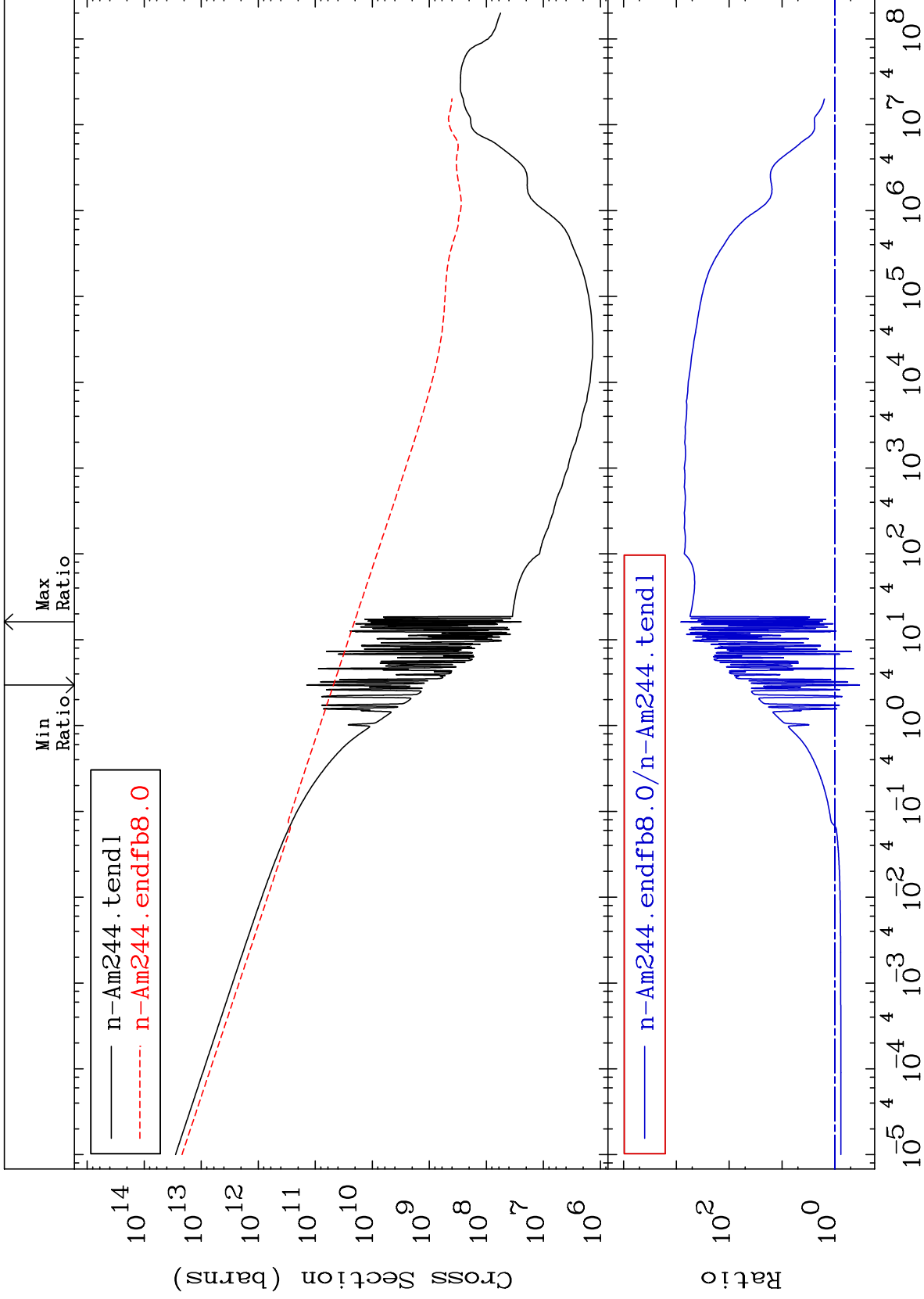
95-Am-244
-100.0 To -42.75%



38

Incident Energy (eV)

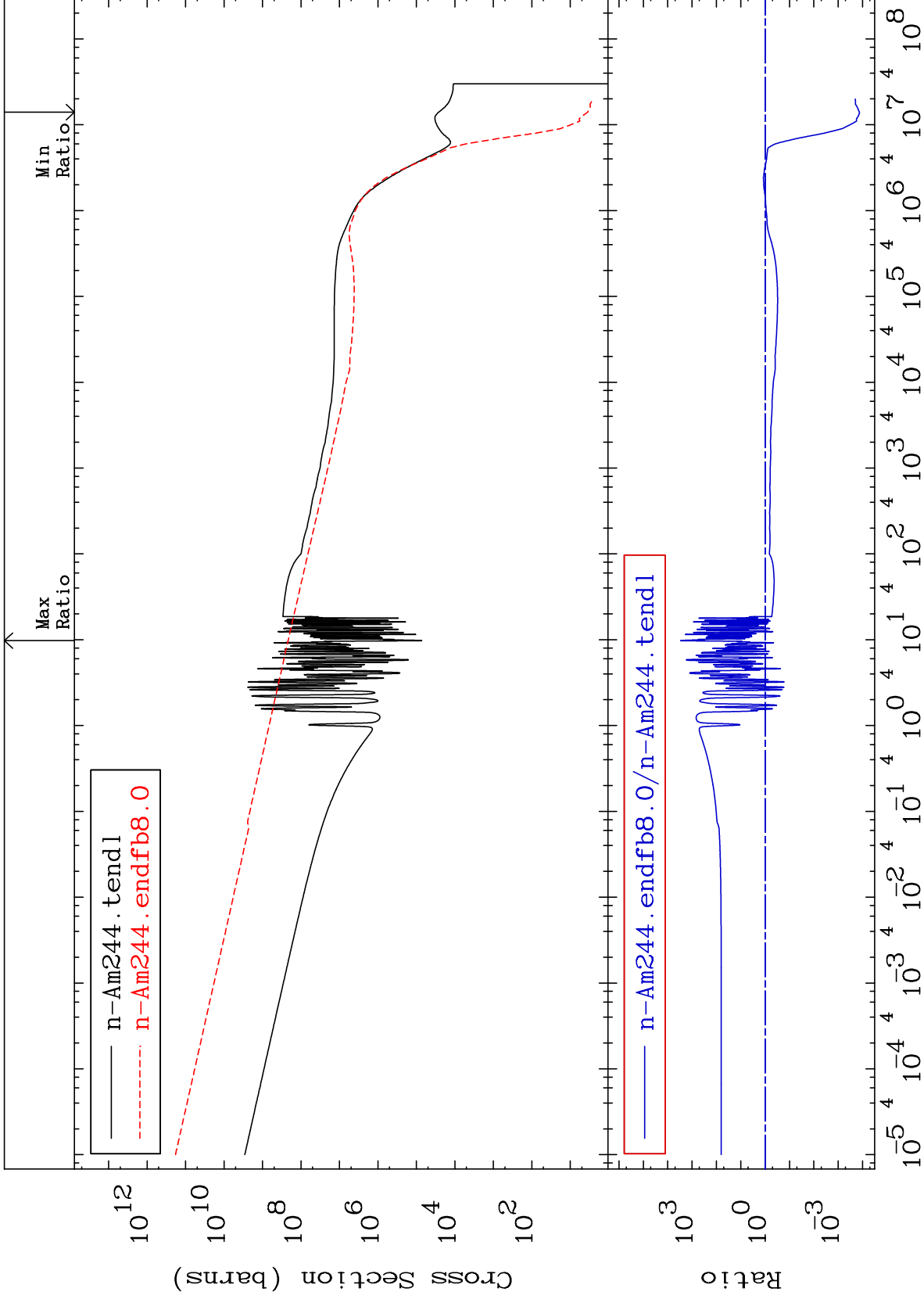
95-Am-244



MAT 9552

Kerma capture (mt102)
Cross Section

95-Am-244
-99.99 To 9999. %



40

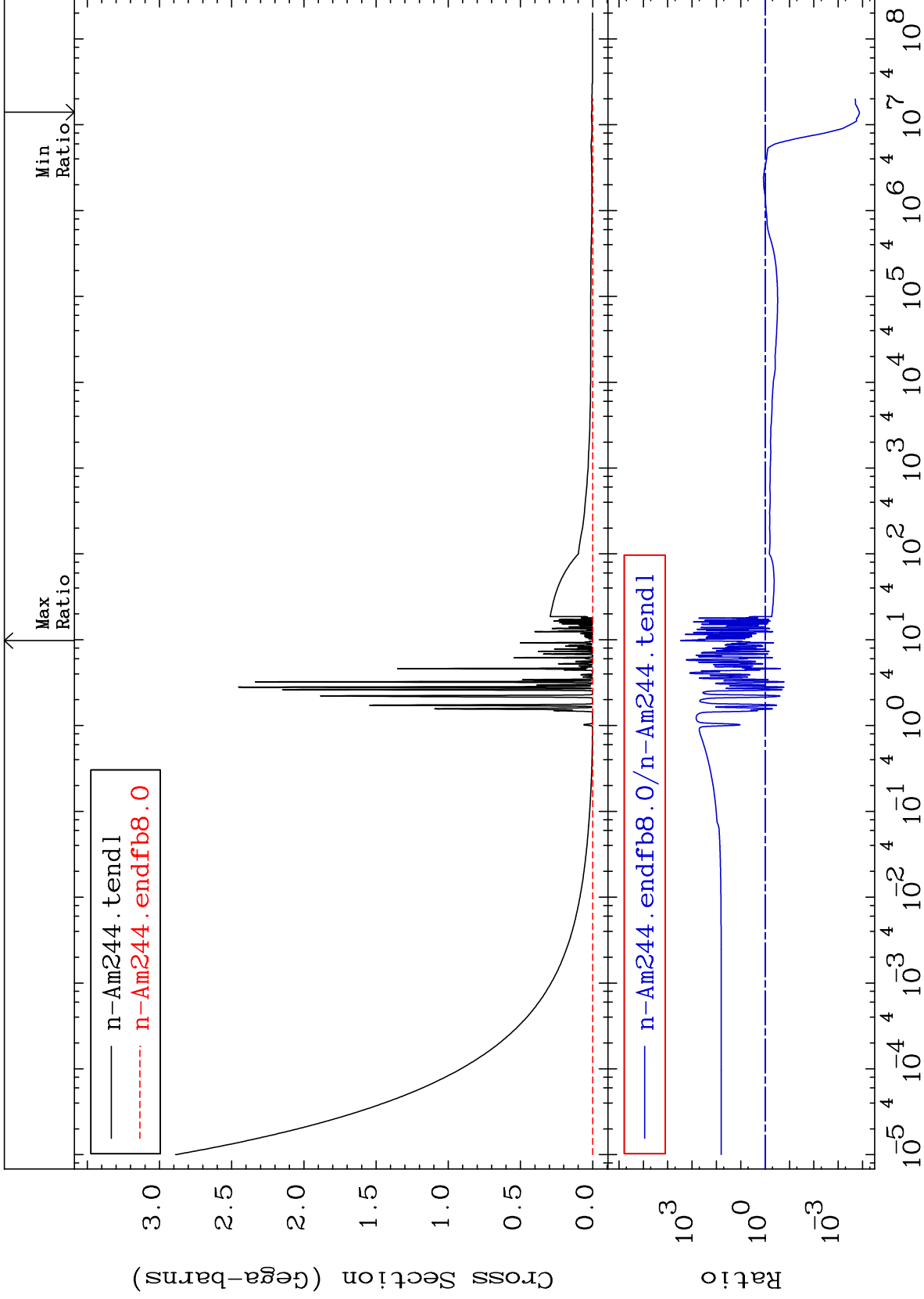
Incident Energy (eV)

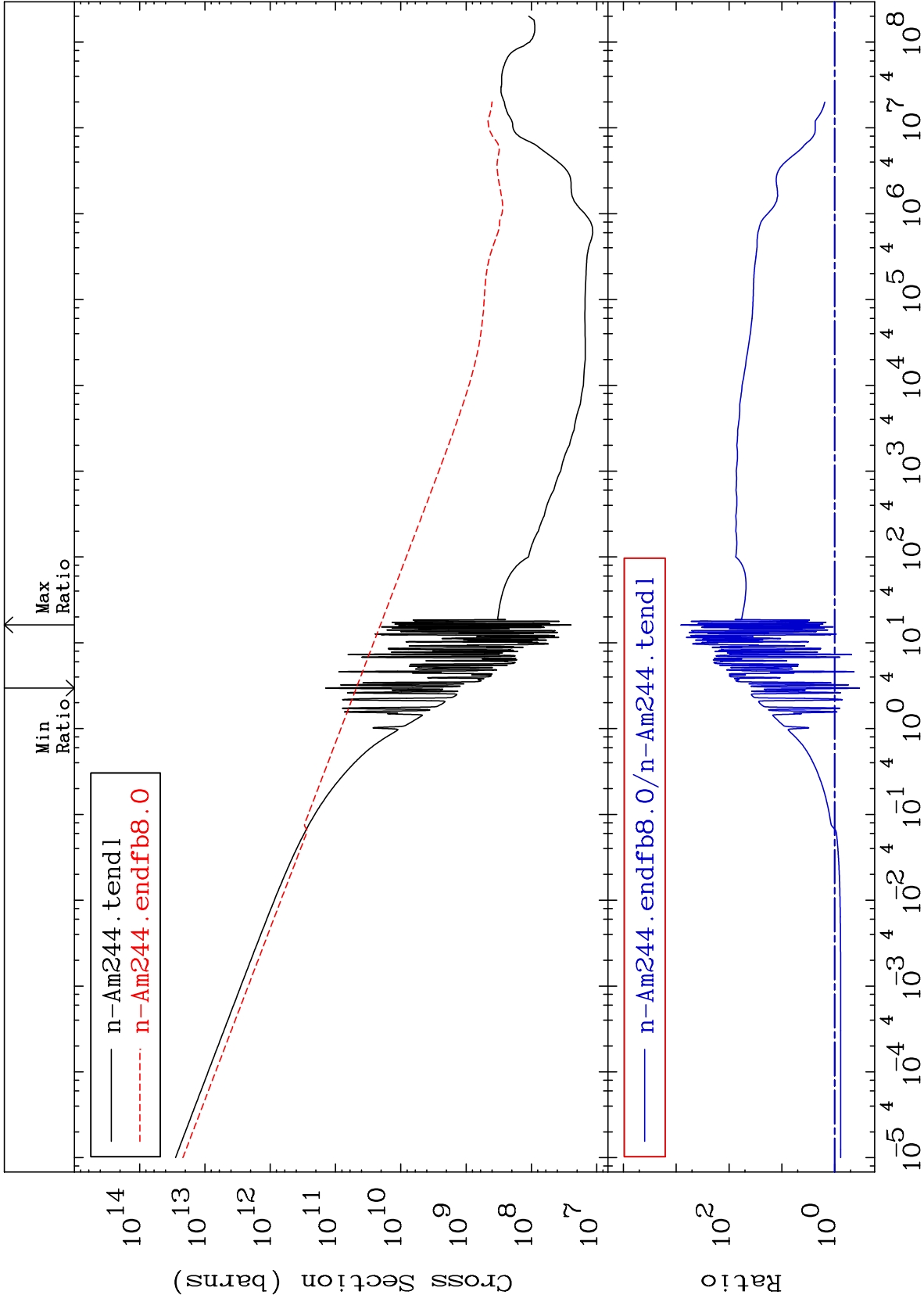
95-Am-244

MAT 9552

Total photon (eV-barns)
Cross Section

95-Am-244
-99.99 To 9999. %

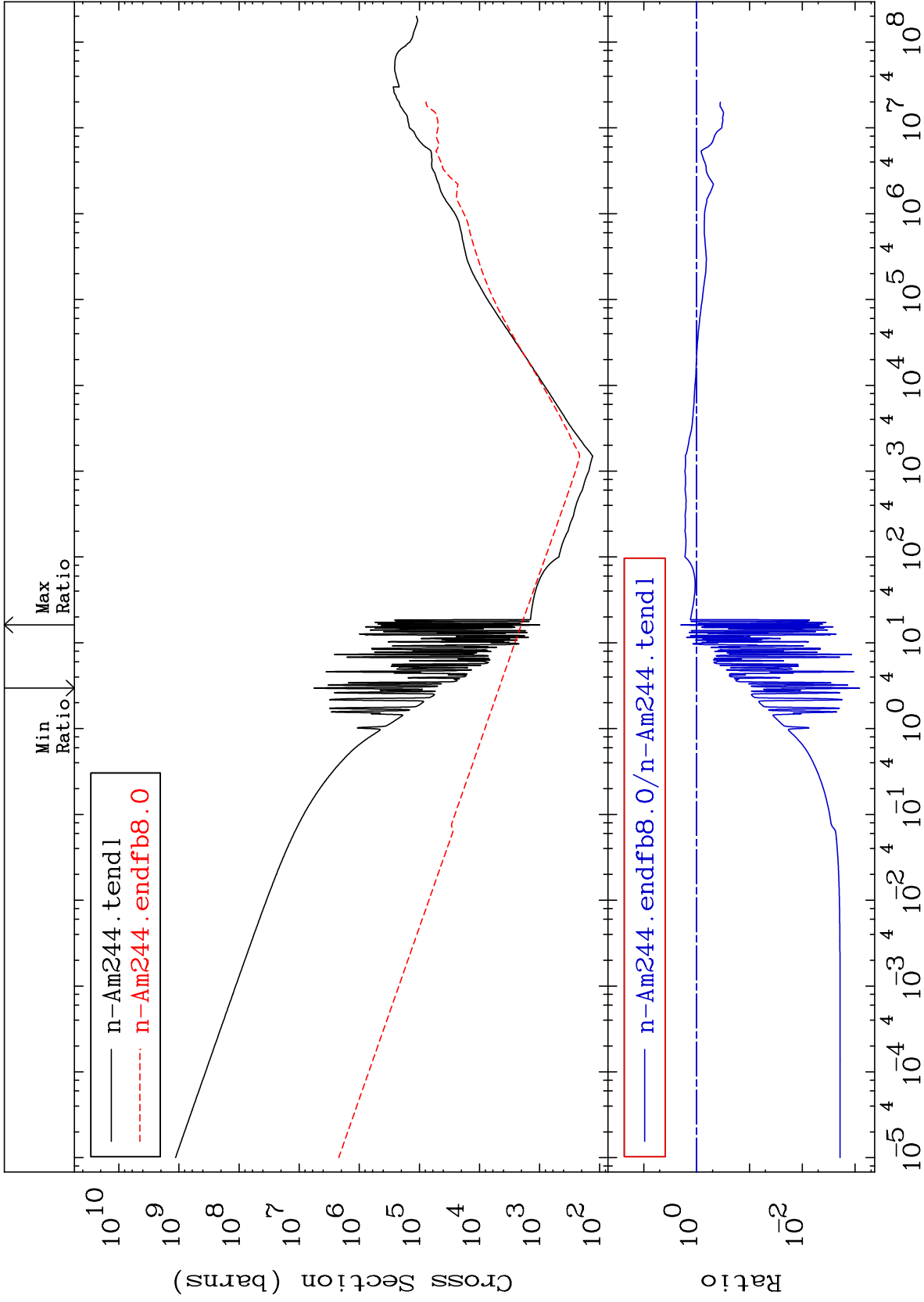




MAT 9552

Dpa total (eV-barns)
Cross Section

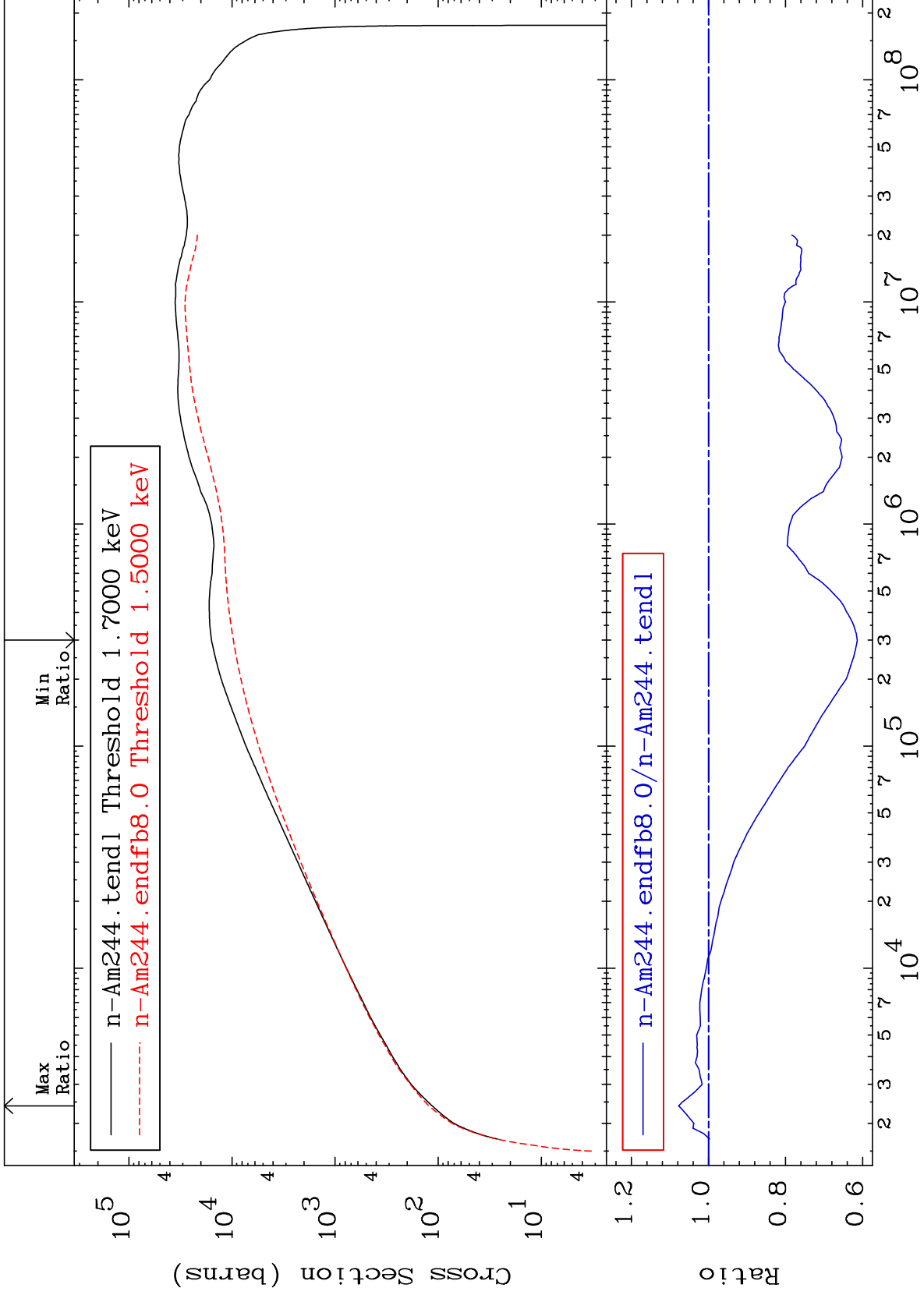
95-Am-244
-99.92 To 103.6 %



MAT 9552

Dpa elastic (mt2)
Cross Section

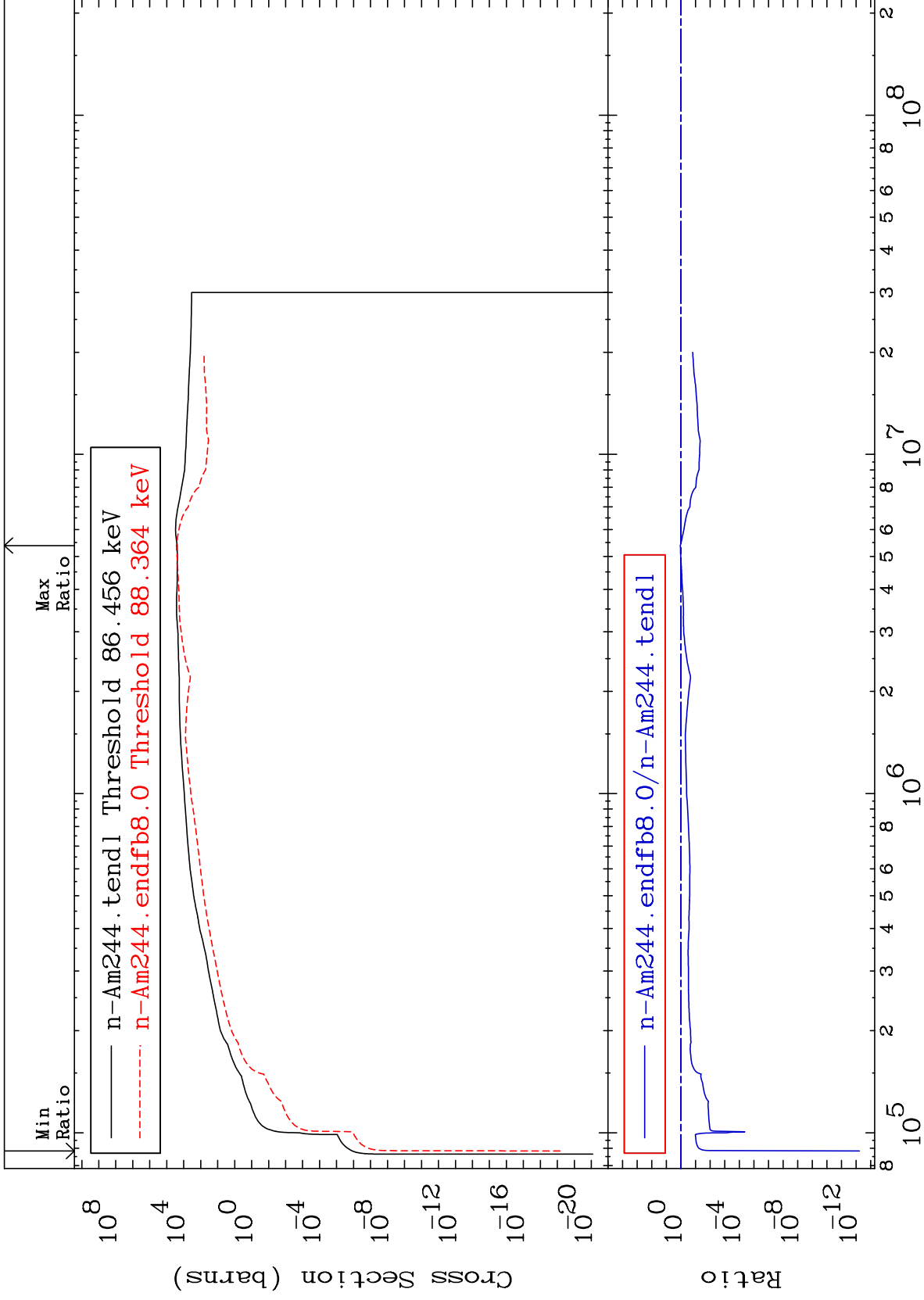
95-Am-244
-38.61 To 7.756 %



MAT 9552

Dpa inelastic (mt51-91)
Cross Section

95-Am-244
-100.0 To 10.37 %



45

Incident Energy (eV)

95-Am-244

MAT 9552

Dpa disappearance (mt102 -120)
Cross Section

95-Am-244
-100.0 To 9999. %

